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# REPORTS

FROM

# COMMISSIONERS, INSPECTORS,

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*TWENTY-SEVEN VOLUMES.*

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~~NATIONAL GALLERY~~;
~~NATIONAL PORTRAIT GALLERY~~; METEOROLOGY;
~~PATENTS~~; SCIENCE AND ART;
WEIGHTS AND MEASURES.

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Session

8 *February* —— 15 *August* 1876.

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VOL. XXVI.

# REPORT

OF THE

# METEOROLOGICAL COMMITTEE OF THE ROYAL SOCIETY,

## For the Year ending 31st December 1875.

Presented to both Houses of Parliament by Command of Her Majesty.

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# PREFACE.

The Meteorological Committee consists of Fellows of the Royal Society who have been nominated by its President and Council, at the request of the Board of Trade, for the purpose of superintending the Meteorological duties formerly undertaken by a Government Department, under the charge of Admiral FitzRoy.

The Committee are credited with a sum of £10,000, voted annually in the Estimates, for the administration of which they are wholly responsible.

The services of the Committee are *entirely gratuitous*.

The Meetings of the Committee are held regularly once a fortnight, or oftener when necessary, when every subject on which action has to be taken by their executive officers receives their careful consideration.

MEMBERS OF THE COMMITTEE:—

General Sir E. Sabine, R.A., K.C.B., *Chairman.*
Mr. De La Rue.
Captain F. J. O. Evans, C.B., Hydrographer to the Admiralty.
Mr. Francis Galton.
Mr. Gassiot.
Rear-Admiral G. H. Richards, C.B.
The Earl of Rosse.
Major-General W. J. Smythe, R.A.
Lieut-General R. Strachey, R.E., C.S.I.

May 1876.

# REPORT

## For the year ending 31st December 1875.

Introductory.

THE administration of the Office has remained unaltered during the year 1875, being vested in Mr. Robert H. Scott as Director, and Captain Henry Toynbee as Marine Superintendent.

The Committee have, however, to lament the death of Sir Charles Wheatstone, who had for the last four years filled the place among them which had been left vacant by the death of Professor W. A. Miller.

Report of Royal Commission on Scientific Instruction.

In the last Report mention was made of the then forthcoming eighth Report of the Royal Commission on Scientific Instruction. This document appeared in the course of the year 1875, and the Committee would quote the expression of opinion of that Commission which is found at p. 25 of that Report.

"With respect to Meteorology, we are of opinion that the operations of the Meteorological Office have been attended with great advantage to science and to the country. The subject of Meteorology is a very vast one, and any scheme for its proper cultivation and extension must comprise—

"1. Arrangements for observing and recording Meteorological facts.

"2. Arrangements for the reduction, discussion, and publication of the observations.

"3. Researches undertaken for the purpose of discovering the physical causes of the phenomena observed.

"The resources placed at the disposal of the Committee are inadequate to cover the whole of this wide field; and, having due regard to all the circumstances of the case, we believe that, in selecting certain parts of it as the objects of their special attention, they have been guided by a sound discretion.

"We are also disposed to consider that although, as we have already said, the Meteorological Committee occupies an anomalous position, no other form of organization could advantageously have been adopted under the actual conditions. We think, however, that if, as we shall herein-after recommend, a Ministry of Science should be established, the head of the Meteorological Office should be made responsible to the 'Minister.'"

The work of the Office will, as usual, be considered under its three subdivisions:—

I. Ocean Meteorology.
II. Weather Telegraphy.
III. Land Meteorology of the British Islands.

## I.—Ocean Meteorology.

Issue of Instruments.

The method which has been followed by the Office in 1875, as in the preceding years, in the study of the Meteorology of the Sea has been to supply instruments of the best quality, and duly verified at Kew Observatory, to captains of merchant vessels on loan, on condition of their returning the instruments, and the log of the observations made with them, to the Office at the completion of the voyage. The regular outfit of a ship consists of—

1 Barometer (Kew pattern).
6 Thermometers, with a thermometer screen.
4 Hydrometers.

The observations are recorded in a regular Form of Log, which is supplied with the instruments, while for the actual entry of the observations a Rough Book is supplied, which is retained by the captain, its contents having been copied into the Meteorological Log.

Supply to the Royal Navy.

As regards the Royal Navy, Her Majesty's ships have been supplied by the Office with all the Meteorological instruments used in the service ever since the Office was founded in 1854. In these cases there is no condition enforced as to the return of observations to the Meteorological Office, for as a matter of course the records of observations are returned to the Admiralty. It is therefore perfectly optional with the observers whether or not they keep the Meteorological Log of the Office in addition to the regular record of observations required by the rules of the service. The Committee are glad to say that they receive several Logs of very high value from Her Majesty's ships.

Agencies.

In order to meet the requirements of this system a stock of instruments is kept at the Office in London, and in addition to the supply of instruments direct from the Office, a stock is also kept at some of the more important seaports, *e.g.*, at Liverpool, Glasgow, and Aberdeen, the Agents in charge of them receiving a fee for each case of issue and return, and a further fee for each observer obtained through him who furnishes first-class observations. The names of all applicants for instruments are submitted to Captain Toynbee for approval prior to the supply.

Examination of logs.

As soon as a log is received at the Office it is examined and classified according to its quality, and an acknowledgment is immediately made to the captain sending it; and at the same time if explanations on any points arising out of the inspection of the log are found to be requisite, he is requested to furnish the information while the circumstances are still fresh in his memory. Replies received from the captain are at once noted in the log for future reference when the observations are discussed.

All hydrographical notices contained in the logs received during the year were at once copied and transmitted to the Hydrographical Department of the Admiralty as usual.

Prentation of Charts to Observers.

To each observer who has obtained the mark "excellent" a copy of the Atlantic Pilot Charts, or of the Wind and Weather Charts of the Atlantic, Pacific, and Indian Oceans, published by the Admiralty, is presented. Observers who have already received these charts, and who may continue to observe for the Office, have the special thanks of the Committee for each register which has received the mark of "excellent." They also receive such publications of the Office as are likely to be of interest to them.

The names which have been added during the financial year 1875–6 to the list given in last year's Report are as follows:—

*Presentation of Admiralty Charts.*

| Captain's name. | Ship. |
|---|---|
| Bennett, Edwin Charles | "Thessalus." |
| * Blackie, A. H., R.N.R. | "Melpomene." |
| Blair, John | "Arouca." |
| Campbell, Hugh | "Burdwan." |
| Cruickshank, William | "Richard Wright." |
| Faithfull, Henry | "Haddon Hall." |
| † Horner, A. C., M.R.C.S. | S.S. "Pandora." |
| Latham, Frederick William | "Sumatra." |
| Miller, A. John | "Camperdown." |
| Prehn, Carl Christian | "Eleanor." |
| Shaw, Gilbert | S.S. "Beta." |
| Warden, William | S.S. "Alpha." |
| Young, Allen | S.S. "Pandora." |

| | |
|---|---|
| ‡ Broad, George A., R.N. | H.M.S. "Valorous." |
| Gray, F. J., R.N. | H.M.S. "Nassau." |
| § Havergal, Arthur, R.N. | H.M.S. "Challenger." |
| Jones, Loftus Francis, R.N. | H.M.S. "Valorous." |
| ‖ Pollard, George N. A., R.N. | H.M.S. "Nassau." |
| Thomson, Frank Tourle, R.N. | H.M.S. "Challenger." |

The Committee do not feel themselves at liberty to present Admiralty Charts to officers in the Royal Navy; they only receive the letters of thanks.

In Appendix II. will be found a list of the observers whose logs have been classed as "excellent," since the beginning of the year 1869. Some of the gentlemen mentioned in the list have been regular observers for the Office for many years.

The following figures show the total number of *logs*, and the number of first-class *logs*, classed "*excellent*," which have been

* Chief officer, now Captain.
‡ Navigating Lieutenant.
‖ Lieutenant.
† Surgeon.
§ Navigating Sub-Lieutenant.

Quality of logs.

received each year from the *Mercantile Marine* since the management of the Office has been under the Meteorological Committee.

| Year. | Total No. of Logs received. | No. of Excellent Logs. | °/₀ of Excellent Logs. | Year. | Total No. of Logs received. | No. of Excellent Logs. | °/₀ of Excellent Logs. |
|---|---|---|---|---|---|---|---|
| 1867 | 21 | 7 | 33 | 1872 | 110 | 64 | 58 |
| 1868 | 50 | 10 | 20 | 1873 | 92 | 52 | 57 |
| 1869 | 67 | 21 | 31 | 1874 | 88 | 56 | 64 |
| 1870 | 81 | 41 | 51 | 1875 | 78 | 56 | 72 |
| 1871 | 150 | 72 | 48 | | | | |

The office has lost two of its best observers during the year 1875, and the Committee would here record their sincere grief at the death of Commodore J. G. Goodenough, which has been a serious loss to the science. During the two years' duration of his command on the Australian station he, being ably supported by his Navigating Lieutenant Mr. Hosken, had sent them more than one log of very high character, from the comparatively rarely visited seas in which he met his death. More recently the untimely death of Captain F. J. Gray of the "Nassau," has deprived the office of the services of an officer of very high promise, who had already supplied very valuable data for the east coast of Africa.

Localities whence observations are being derived.

The geographical distribution of the voyages on which observations were being taken at the close of the year 1875 was as follows:

| Voyages. | Ships. |
|---|---|
| To Baffin's Bay or Greenland | 6 |
| „ East Coast, North America | 9 |
| On East Coast, North America | 2 |
| To West Coast, North America | 3 |
| „ West Indies | 3 |
| „ West Coast, South America | 8 |
| „ Australia and New Zealand | 18 |
| „ India, viâ the Cape | 25 |
| „ India, viâ Suez | 2 |
| „ China | 3 |
| „ Mediterranean Ports | 3 |
| „ Home Ports | 3 |
| „ Baltic | 1 |
| | 86 |

The Committee cannot but regret that the number of observers who were co-operating with them in 1875 still remains small when compared with the strength of the Merchant navy of England, as will be seen from the figures just quoted, but it must be remembered that the duty of observing regularly and frequently entails a considerable amount of responsibility, so that

it is necessary that the captain should be supported by a zealous staff of officers, if he is to keep a full log. It is, however, not by any means the case that the goodness of the log depends on the size of the vessel.

Collection of observations.

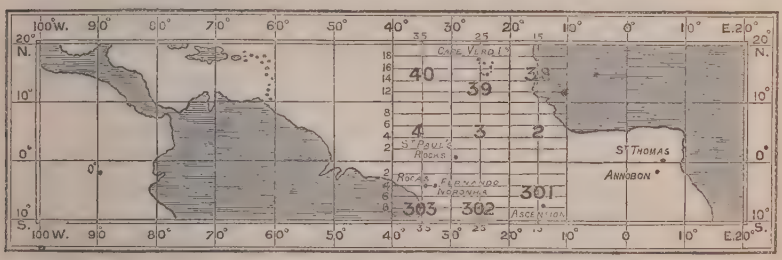
In order to bring before the notice of possible observers the nature of the work of the Office, circulars have been issued in 1875, as in the preceding year, to the various shipping offices, &c., in connexion with the Board of Trade, and by these means much valuable co-operation in the work of observing has been secured.

Irregular distribution of materials available.

It has been frequently remarked that the efforts of the office should be principally directed to the procuring of observations from the less frequented parts of the sea, but no matter how desirable such a mode of procedure would be, it has been hitherto impracticable to carry it out. Observations at sea are only obtainable in quantity from the tracks of the regular voyages, and when the comparatively small proportion of ships at sea, which are really observing, is taken into account it will easily be seen that there is little chance of amassing material for any district which is not traversed by some of the ocean highways.

Progress of discussion, equatorial region of the Atlantic.

As regards the progress of the discussions carried on by the staff during the year now under consideration, the work has been retarded considerably by the resignation of two practised computers, and the consequent training of their successors. It was stated in the last Report that the charts for the entire district of nine ten-degree squares extending from 20° N. to 10° S. latitude and from 10° to 40° W. longitude, as shown in the subjoined woodcut, were completed and in process of publication. The charts are subdivided into areas of 5° of longitude by 2° of latitude as shown in the diagram, and each chart contains the data of three ten-degree squares.




Observations at Ascension.

It will be seen that the island of Ascension falls within the area now under treatment, and accordingly the detailed observations made at that island in the years 1863–5, by Lieutenant Rokeby, R.M., are being discussed, and the results will be embodied in the forthcoming publication which will appear in 1876.

For the two years over which the observations extend we have the wind direction and velocity recorded continuously by a self-registering anemometer, and almost hourly observations by eye, of the barometer, thermometers, and meteorological phenomena in general.

Equatorial Region of the Atlantic.

In addition to the charts now under consideration, stretching from shore to shore of the Atlantic, which are similar to those previously published for the central square (3) in the diagram, though the means are taken for larger areas (owing to comparative deficiency of material) there are given also diagrams showing the direction of wind in connexion with atmospherical pressure and temperature, and of ocean currents with sea-temperature.

There is also given a tabular statement contrasting the specific gravity of the sea in the easterly [going] or "Guinea" current and in the westerly currents due to each trade-wind.

In the Remarks copious quotations are made from the logs in relation to the various phenomena which come under the seaman's observation, such as the weather, the wind, the motion of the clouds in relation to the lower wind, the direction of the swell, the colour and luminosity of the sea, and the current rips; as well as information relating to the birds, fish, and insects that are met with, and the change from month to month of the localities in which they are seen, and also appearances of submarine volcanic action in certain localities.

Results obtained from the discussion.

By these investigations it is believed that important light has been thrown on several subjects of general as well as of special interest.

1. As to the tendency of the wind blowing along a coast-line to draw round a cape.
2. As to the relation of the surface-temperature and the currents of the sea near the equator to the westerly gales of high northern and southern latitudes in their respective winters; as to the dipping of a cold current under a warm one, and the variation with the seasons in the amount of easterly current near the equator.
3. As to a probable relation between the well-known rollers of Ascension and St. Helena and the winter gales of the North Atlantic, and a corresponding relation of the rollers on the west coast of Africa to the winter gales of high southern latitudes.
4. As to the remarkable difference in direction of the wind in December on opposite sides of the Cape Verd Islands, being *easterly* to the westward and *north-north-east* to the eastward of them.
5. As to the remarkable unsteadiness and gustiness of the north-east trade with a clear sky in Square 40 (lat. 10°–20° N., long. 30°–40° W.), in certain months.
6. As to the difference between the wind and weather of Square 303 (lat. 0°–10° S., long. 30°–40° W.), off Cape St. Roque and its neighbourhood, and those of the Squares lying to the eastward of that point, more especially in regard of the fact that in certain months the wind in Square 303, during the squalls which frequently occur, constantly changes, between south-east and south-south-west, in such a way that the seaman finds very great difficulty in working to the southward if he approaches too near the Brazilian coast.

7. As to the relation of the upper currents of the atmosphere (indicated by cloud motion) to the lower winds—*e. g.*, how the equatorial margin of one Trade appears to rise above the edge of the other Trade; how the upper clouds move from the north-east over the south-west monsoon on the coast of Africa; and how sometimes clouds move from the south-east, the sky looking very heavy towards that quarter, while the surface wind is steady from south-west.

Equatorial Region of the Atlantic. Results obtained from the discussion.

8. As to the relation between heavy dew and sea-temperature in some parts and at certain seasons, and the connexion between mist (haze) and African dust.
9. The *Diagrams* give a picture of Maury's "wedge-shaped doldrums" which any sailor can understand, and the *Remarks* show the weather experienced in them.

In these discussions the object of the Meteorological Office has been to determine the meteorological statistics of limited portions of the ocean in each separate month by means of results obtained by discussion of original observations extracted from the logs in the Office.

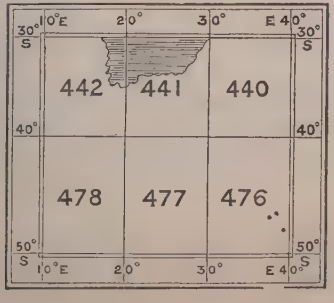
The text of these charts is in the press in an advanced stage of preparation for publication, and it will appear in the course of the year 1876.

The material available for the part of the Atlantic, between the parallels of 20° N. and 10° S., which lies east and west of the nine Squares which are being discussed, is so scanty that its discussion would not be likely to lead to any practical results; this will easily be conceived from the fact that 91 per cent. of the entire information in the Office for the whole district was concentrated in the nine Squares in question.

South point of Africa.

The Office having thus completed the examination of the district close to the Equator in the Atlantic Ocean, about the most important and interesting to the navigator and meteorologist of any region in the world, has commenced in 1875 the investigation of the meteorology of another great district lying on the high road between Europe and the Indian and Australian seas, that of the Cape of Good Hope. This work is now fully in operation.

The actual district to be treated is shown in the subjoined chart, and the degree of minuteness to which the discussion will be carried will, it is hoped, be the same as in the case of the Atlantic Equatorial region just noticed.



Information supplied to Indian Government.

It need hardly be stated that the stores of observations existing in the Office are far more extensive than the present staff could cope with, and accordingly the Committee have gladly closed with a proposal made to them in 1875 by the India Office to supply to that office a copy of all the materials in their possession for the Northern Indian Ocean and the Bay of Bengal for the month of January, the cost of preparation of the observations for discussion and of copying being borne by the India Office.

Proposals to Holland and Germany.

The Committee made proposals in the course of last autumn for an arrangement of a similar nature to the above to the Meteorological Institute of Utrecht, and the Deutsche Seewarte at Hamburg, as regards the districts which they have respectively undertaken to investigate, but without success.

Investigation into weather of August 1873 in Atlantic.

The investigation into the Atlantic weather, during the month of August 1873, has made steady progress during the year. Invitations were sent in 1874 to all British shipowners to lend to the Office any logs of ships which were in the Atlantic during that month, and no less than 280 logs have been received in compliance with the invitation. Captain Toynbee has commenced the examination and discussion of the material on a principle similar to that already employed by him in the case of the "City of Boston" gale.*

Appendix IV. contains a list of the contents of the publications issued by the Office during the year, in continuation of that given in the Report for 1874, p. 59.

Stock of instruments.

In Appendix V. will be found a list of all the instruments supplied to ships in the Royal Navy during the year, with a statement of the entire stock and distribution of instruments standing on the books to the account of the Admiralty on the 31st December 1875. This latter statement is prepared from the latest returns furnished by the storekeepers at the respective dockyards, &c.

Appendix VI. gives similar information with regard to the Board of Trade instruments.

## II.—Weather Telegraphy.

Condition of stations.

This Department of the Office has hardly exhibited any change of importance during the year 1875, and it must be stated that the cable to the Shetlands, the unsatisfactory condition of which was noticed last year, remains still virtually useless for meteorological purposes. The want of reports from Sumburgh Head has been a most serious defect in the system of Weather Telegraphy of North-West Europe during the year.

The stations were all inspected in the course of the year, with the exception of Nottingham, Bidston, and Ardrossan. The list of the stations, with the observers' names, will be found in Appendix VII.

* "A Discussion of the Meteorology of that part of the Atlantic lying north of 30° N. for the eleven days ending February 8, 1870," by Captain H. Toynbee. Official No. 13. London: Stanford.

As regards the general condition of the stations, much that was originally objectionable has been improved in successive years, and at present 16 out of the 29 stations are provided with the Stevenson's thermometer-screen. Changes at stations.

At North Shields a very great improvement was effected in the course of the year by the removal of the thermometers and rain gauge to an open site in Dockwray Square.

At Cambridge, also, a great improvement has been effected by the thermometers being shifted to a more satisfactory position, and exposed in a Stevenson's screen.

The observer at Sumburgh Head has been changed, Mr. Lawrence having removed to Fair Isle, while his place has been taken by the Reverend W. Brand.

At Greencastle (Moville) too a change has occurred, Mr. Lowry having undertaken the duties of reporting in place of Mr. M'Gladery who has resigned.

At present only 11 of the observers are telegraph clerks, and all are distinctly and immediately responsible to the Office.

The Office may fairly claim for its service a higher degree of scientific accuracy and completeness than exists in any *at present* in operation in Europe. It must always be remembered that, as a rule, telegraphic stations are not likely to be good stations for general climatology, the conditions which determine the choice of locality being widely different in the two cases.

A difficulty in dealing with Weather Telegraphy is to be found in the frequency of telegraphic errors, which renders any absolute dependence on figures received by telegraph impossible. Some idea of the extent to which this evil affects the scientific prosecution of weather study, and interferes with the formation of correct views of the essential facts, with the promptitude that is required for the practical application of the deduced results—the issue of warnings to the coasts—may be gathered from the fact that in the case of one single station, Oxford, 49 errors were detected (on receipt of the original MS. messages) in the space of 18 months, which were all proved to be due to inaccurate transmission, and to these must be added a considerable number which had been discovered at first inspection of the telegrams (owing to the glaring discrepancy of the reports from those of adjacent stations), and had been corrected by repetition of the message. Telegraphic errors.

This number gives about 32 errors per annum; so that on this hypothesis there would be $32 \times 29$ or 928 errors from British stations coming in every year, which it is apparently impossible to detect by simple inspection of the telegrams.

Of errors in barometrical and thermometrical readings as received by telegraph and suspected from their discrepancy *inter se*, the Office discovers more than 1,000 every year, frequently eliciting a correction by repetition of the telegram and correspondence with the observers.

The practice of the Office in the collection, discussion, and dissemination of Meteorological information obtained by telegraphic reports has proceeded in 1875 as in former years. The following is a brief abstract of the process.

Organization of the reporting system.

The Office receives, or would receive, were the telegraphic communications with Corunna and with the Shetlands perfect, 51 reports every morning, and nine every afternoon, except on Sundays. The observations are taken on Sundays as on other days, but are not received at the Meteorological Office until Monday morning, when the report for Sunday is made out. (This statement has been modified since January 1, 1876, as will be seen further on.) The stations are situated along the entire coast of the Continent from Christiansund, in lat. 63° N., to Corunna, in lat. 43° N., with four stations on the coast of the Baltic, and one at Cap Sicié in the Mediterranean.

The information received from the Continent in accordance with various arrangements is obtained from France, Holland, Hamburg, Denmark, Norway, and Sweden.

Cost of information.

Any cost incurred in transmission of these telegrams over the British lines falls on the Office; but, as regards the French telegrams, their transmission is free over the French wires; while in the case of the messages crossing the North Sea, a free transit has been most liberally granted by the Great Northern Telegraph Company.

The Committee of late have paid at press rates for the transmission of reports to the Office, in consideration of allowing the Post Office to extract from the messages *en route* any information it may require.

Process of discussion and issue of information.

The daily observations are taken at 8 a.m., Greenwich time, and most of the telegrams arrive in London about 9 o'clock, when the Intelligence Department of the Post Office extracts from them the portions required for its Wind and Weather Reports. They are then at once transmitted to the Office by the private wire, where the majority of them usually arrive by 10 a.m.* About two hours are required for their reduction, discussion, and the preparation of the Daily Weather Report, copies of which are ready by about 11 a.m., and are at once supplied for the afternoon issue of several of the London papers. Charts are then drawn for publication in the newspapers.

A brief telegraphic resumé of the weather is despatched to the Marine Ministry in Paris† and if necessary, telegraphic intelligence of storms or of atmospherical disturbance is sent to our own coasts and to foreign countries. Later in the day the afternoon reports come in. The Daily Weather Charts are drawn by noon, and forwarded to the lithographers to be printed. The copies for postal distribution are received at the Office at about 3.30 p.m.

Daily Weather Charts.

---

* Since the 1st January 1876, arrangements have been made with the "Times" by which the Office is kept open daily until 9 p.m., and on Sunday evenings also from 6 to 9 p.m., and reports are received from certain stations for 6 p.m., so as to admit of the preparation of a special chart by that journal. The extra expense incurred by these operations is borne by the "Times," and the cost will not be far short of 500*l.* a year. The arrangement has been approved by the Board of Trade.

† This resumé is afterwards transmitted from Paris to Florence, where it is received for the benefit of the Italian naval service; this arrangement has been made in 1875.

The list of institutions and persons who received the charts free in 1875 will be found at Appendix VIII.

The intelligence of storms which is sent out from the Office varies in character, according to the requirements of the place which receives it. In Appendix IX. will be found a list of the stations which are furnished with signals, in accordance with Circular 717 of the Board of Trade, issued in February 1874. Storm warnings.

These stations were, at the end of December 1875, 130 in number, situated:

| | |
|---|---|
| 64 in England, | 13 in Ireland, |
| 15 in Wales, | 3 in the Isle of Man, and, |
| 32 in Scotland, | 3 in the Channel Islands. |

Lamps for night use are supplied to a few of the stations. All the stations have been established under, and are in accordance with, the terms laid down in the Circular, excepting the Royal Dockyards, which are of course under Admiralty management.

In addition to the foregoing, a telegram consisting of reports of the atmospherical pressure and the wind at 14 of the most important stations, was sent as usual daily to the Underwriters' Rooms, Liverpool, the entire expense of the transmission being borne by that association, and a very similar message has been forwarded since the month of June last to the editor of "Saunders' News Letter," Dublin.

All intelligence sent to the coasts is also forwarded to Lloyd's Rooms, where it is at once posted up for the information of the members.

The intelligence of storms which is supplied to foreign countries is of a two-fold character.

To the Ministère de la Marine at Paris warnings are issued in the same form as to our own coasts, but these are only destined for the portion of the French coast which lies within a reasonable distance of our own shores. The Committee, when the arrangement in question was originally set in action, stipulated that their warnings were not to extend farther to the southward than Nantes, and accordingly for the purposes of these telegrams the coast of France is divided into two districts. North, from Dunkerque to Cap la Hague, and West, from Cap la Hague to Nantes. Warnings to France.

To the Meteorological establishments of the other countries which exchange information with the Office no direct warnings of storms are issued, unless in rare instances, but a regular service of cautionary telegrams is in action, by which the London Office transmits to Utrecht and Copenhagen, and to Christiania (when necessary), a telegram containing the most important barometrical readings and wind observations, whenever the total amount of barometer difference over the area covered by the network of the British system amounts to 0·7 in. Intelligence to the Continent.

A comparison has been instituted between the warnings issued in 1875 and the weather experienced on our coasts, as was the case in the five previous years. The method of testing the warnings is as follows: The intelligence issued is compared with the weather experienced on the coasts, as recorded by the various continuously

Results of warnings.

self-recording anemometers, by the telegraphic reporters, and by the several gentlemen who have volunteered to observe for the Office, and whose names will be found at pp. 20–21.

Mode of testing warnings.

The coasts were subdivided into nine districts, as will be seen in the subjoined table. Two large tracts of coast are entirely omitted. The west of Ireland from the Shannon to Malin Head, and the west of Scotland from the Mull of Cantyre to Cape Wrath. No warnings were issued to any place within the limits indicated, except to Galway, and the amount of information as to weather received from the coasts in question is as yet very scanty.

It should be remembered that in analysing the reports, "all "observations of the wind in which the force exceeded 7 (a "'moderate gale') or the velocity exceeded 40 miles an hour, "have been quoted as instances of the occurrence of a gale; but "it has not been considered that the signal was hoisted late or "was hauled down too soon, unless the force of 9 (a 'strong "gale') or the velocity of 50 miles an hour was reached prior to "the issue of the order to hoist, or subsequent to the issue of the "order to lower."

In the summaries all cases in which the signal has been shown to be late by one single report either of force 9, or of the velocity of 50 miles an hour, have been specially noted in the remarks and marked with a *p*.

All telegrams which have been late, owing to the intervention of a Sunday, or owing to telegraphic errors, are marked with an *s*.

RETURN of the Result of the Comparison between the Warnings issued and the Weather experienced in 1875.

| Coasts. | Total No. of Orders to hoist and repetitions. | Warnings justified by subsequent Gales, Force 8 and upwards. | Warnings justified by subsequent strong Winds, Forces 6 and 7. | Warnings not justified by subsequent Weather. | Warnings late, Force 9 reached at two Stations before issue. | Warnings partially late, Force 9 reached at one Station before issue. | Warnings late, owing to Sundays, or Telegraphic Errors. | Storms for which no Warning was issued. |
|---|---|---|---|---|---|---|---|---|
| Ireland, South - | 31 | 15 | 7 | 6 | — | 3 | — | Mar. 5, Sept. 27$_s$, Dec. 31. |
| „ East - | 37 | 10 | 17 | 10 | — | — | — | Feb. 24$_p$, Sept. 27$_s$, Nov. 9. |
| Scotland, East - | 22 | 8 | 8 | 5 | — | — | 1 | Jan. 24$_p$, Feb. 24, Sept. 27$_s$, Nov. 13$_p$, Nov. 19, Dec. 24. |
| „ West (Clyde) | 28 | 9 | 7 | 11 | — | — | 1 | Sept. 27$_s$, Nov. 19$_p$, Dec. 24. |
| England, North-west | 32 | 16 | 12 | 4 | — | — | — | Feb. 24$_p$, July 15$_p$, Sept. 27$_s$, Nov. 19. |
| „ West - | 30 | 12 | 13 | 4 | — | 1 | — | Sept. 27$_s$, Nov. 19$_p$. |
| „ South - | 33 | 14 | 13 | 6 | — | — | — | Sept. 27$_s$, Nov. 6, Nov. 19. |
| England, South-east - | 15 | 4 | 7 | 4 | — | — | — | Jan. 24, Nov. 13. |
| „ East - | 20 | 14 | 3 | 2 | — | 1 | — | March 9, Sept. 27$_s$, Nov. 13, Dec. 24$_p$. |
| Totals - - | 248 | 102 | 87 | 52 | — | 5 | 2 | |
| Per-centages - | — | 41·1 | 35·1 | 21·0 | — | 2·0 | 0·8 | |

If these figures be compared with those for the previous years in which the system has been checked, we arrive at the following result in per-centages: Analysis of results, 1870–75.

| | Warnings justified | | | Warnings not justified by subsequent Weather. |
|---|---|---|---|---|
| | By subsequent Gales. | By subsequent strong Winds. | Total. | |
| 1870 | 46·7 | 21·7 | **68·4** | 22·4 |
| 1871 | 46 | 17·7 | **63·7** | 22·0 |
| 1872 | 61 | 19·5 | **80·5** | 11·9 |
| 1873 | 45·2 | 34·0 | **79·2** | 16·8 |
| 1874 | 45·4 | 32·8 | **78·2** | 16·4 |
| 1875 | 41·1 | 35·1 | **76·2** | 21·0 |

It will be seen that the results for the years 1873–4 are nearly identical with each other, and a closer investigation into the reason of the excess in the figures in the first column for the year 1872, has shown that it was attributable to the fact that in the comparison for that year the occurrence of force 7, called in Beaufort's scale a "moderate gale," was considered as entitling the result of the warning to be entered in the first column, instead of force 8, a "fresh gale," as assumed in the other years in which force 7 was reckoned among the "strong winds."

It must always be remembered that as the Office has to issue its warnings on the appearance of the first premonitory symptoms of a gale, it frequently has only winds of forces 6 and 7 to show in justification of its warnings. These winds are, however, quite as much as ordinary yachts and coasting craft can easily face, especially if they come suddenly and with a considerable change in the direction of the wind.

It will be noticed that the per-centage of warnings justified by severe gales has been 41·1 instead of 45·4 (in 1874), while the per-centages of warnings not justified by subsequent weather has been 21·0 as compared with 16·4 in the previous year. These results are attributable partly to the fact that fewer serious gales occurred in 1875 than in 1874, and partly to the circumstance that by the new International Telegraphic Code the observers no longer necessarily report the strongest wind which has been felt by them, but only the wind actually blowing at definite hours of the days. By this means several strong breezes have undoubtedly escaped notice.

The Office has from the first entered cordially into the proposal made at the Vienna Congress in 1873, by Brigadier-General Myer, in relation to the organization of a system of really synchronous observations at 0h. 43m. p.m. Greenwich time. The invitation issued to British observers to join in the scheme was at once responded to, and upwards of 60 observers resident in the United Kingdom joined in the work, while the Army Medical Department has from some of its foreign stations supplied most valuable contributions to the stock of materials. The list of those who have co-operated in the work in 1875 will be found in Appendix X. Synchronous observations.

In the course of the last two years Capt. Hoffmeyer, Director of Hoffmeyer's charts.

the Meteorological Institute of Copenhagen has commenced the publication of daily synoptic charts of Europe, based on the Daily Telegraphic Reports of various countries. This work is issued to subscribers, and the result of the first year's issue has been a pecuniary loss to him. It is a matter of serious consideration among the meteorological organizations of Europe, in what way this undertaking can best be supported and forwarded.*

Fishery barometers.

Fishery Barometers are issued on loan to small ports and fishing stations,—and up to the end of the year 132 stations on our coasts had been supplied by the Office with barometers for public use. They were situated, 52 in England, 5 in Wales, 44 in Scotland, 29 in Ireland, and 2 in the Isle of Man. See Appendix XI.

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## III.—Land Meteorology of the British Islands.

Observatories.

This branch is conducted mainly by means of the seven self-recording observatories. There have been no changes during the year, excepting that in August the Committee were deprived by death of the services of the Reverend Thomas Kerr, who had discharged the duties of Director of Valencia Observatory since its establishment in 1867, with great ability and attention. His place has been filled by Mr. J. E. Cullum, formerly engaged at Kew.

It seems hardly necessary to state further particulars than those already in print in the Introduction to the Quarterly Weather Report for 1870 in reference to these establishments.

Their cost.

The annual allowance to each, which is intended to cover the current expenses of management and of keeping the instruments in action, is as follows:

| | | |
|---|---|---|
| Aberdeen, 250*l.* | Valencia, 540*l.* | Falmouth, 265*l.* |
| Glasgow, 250*l.* | Stonyhurst, 200*l.* | Kew, 250*l.* |
| Armagh, 206*l.* | | |

The exceptions to the regular sum of 250*l.* a year are thus explained:

At Valencia the entire cost of the establishment is borne by the Office; the figure given is the average for the six years 1869–74 inclusive. At Falmouth, the Royal Cornwall Polytechnic Society is allowed a sum of 15*l.*, in consideration of the extra expense incurred for rent for the observatory. At Stonyhurst and Armagh, the cost falls short of 250*l.*, at the latter station the Committee only pay the cost of maintenance and the assistant's salary. The figures given are the average for the same years as in Valencia.

In addition Kew receives a further sum of 400*l.* per annum in consideration of its undertaking the duty of examining the work of all the observatories before sending it to the Office.

The subsequent treatment of the returns is divided into two branches, the numerical computations and the preparation of the plates for the Quarterly Weather Report.

Computations.

The computations are simply the calculation of mean results

* The Meteorological Committee have recently (February 1876) resolved to subscribe for copies of these Charts for distribution to captains, and to furnish Captain Hoffmeyer, free of cost, with information relating to the Atlantic from their logs.

for five day and monthly periods, and the extraction of maximum and minimum values for temperature and pressure, which are published in the Quarterly Weather Report. There are no funds available for more elaborate discussion of the materials.

Since January 1874 the hourly tabulations have been lithographed and distributed. The cost in time of preparing and copying these for the lithographer, including the calculation of hourly vapour tension, is 21 days per month for one person. Practically it occupies the entire time of one person. Issue of hourly tabulations.

The methods of preparation of the plates of the Report are fully described in the annual Reports of the Committee for 1870 and 1871. The accuracy aimed at is 0·02 in. for the barometer and 0°·5 F. for the thermometer. Quarterly Weather Report.

The instrumental appliances are in great measure perfectly unique and have been invented specially for the work by Mr. Galton and Mr. De La Rue. The copper-plates are supplied by the Stationery Office with the standing portion produced by the electrotyping process, and are engraved and etched in the Meteorological Office.

The work of preparation of the plates has been seriously retarded during the year 1875 by the fact that Wagner's pantagraph was for some time under repair.

In addition anemograms are received from the following stations, which are all provided with anemographs similar to those erected at the observatories. In the case of Halifax, Mr. Crossley supplies also barograms and thermograms, in addition to most liberally lending to the Committee the anemometer which has been erected at Scaham, free of charge, by the kindness of Mr. Eminson, and with the sanction of the Marquis of Londonderry.

| Station. | Supplied by. | Superintended by. |
|---|---|---|
| Alnwick Castle - | Duke of Northumberland, K.G. | F. Holland, Esq. |
| Halifax - - | L. J. Crossley, Esq. - - | L. J. Crossley, Esq. |
| Holyhead - - | Meteorological Committee - | Harbour authorities. |
| Orkney - - | " " - | Rev. C. Clouston, LL.D. |
| Seaham - - | L. J. Crossley, Esq. - - | G. H. Aird, Esq. |
| Yarmouth - - | Meteorological Committee - | Secretary Sailors' Home. |

In addition to the foregoing observatories the office is in connexion with a number of other stations, whence returns of various degrees of completeness are received. Stations of second order.

The office has not in the first years of its existence published results from such stations, as it did not seem necessary to do so, and such a measure would give an appearance of rivalry in publication between itself and the General Register Office, but since the Permanent Committee of the Vienna Congress in 1874 have called for the publication of returns of this nature for international objects, the Committee have commenced such a publication.

The Vienna Congress undertook the task of attempting to call into existence a real international publication, and the members of the Permanent Committee have deemed it advisable, as a first step, to propose that at least it should be recommended to publish the observations and mean results, on definite forms, and on International stations.

the same size of paper, so that the returns for different countries could be bound up together.

Each country was to be invited to contribute its quota to the common stock of information, by publishing actual observations from a number of stations proportional to its territorial area.

Distribution among European States.

The carrying out of this course of action fell to the Permanent Committee who have devised the forms which are published in its Report (p. 47), and have proposed the following inferior limit for the number of stations for the several European governments:—Norway, 10; Sweden, 10; Denmark, with Iceland and Faroe, 6; Great Britain and Ireland, 15; Russia in Europe, 50; Russia in Asia, 100; Netherlands, 2; Belgium, 2; Germany, 12; France, 12; Austria and Hungary, 15; Turkey, 10; Switzerland, 5; Italy, 12; Spain, Portugal, and Azores, 12; Greece, 3.

International stations.

It remains open for the directors of the individual systems not only to select the stations which are best suited for the purpose, but also to increase at pleasure the number above given.

It is naturally of importance that these 15 stations, which fall to our share over and above the seven observatories in connexion with the Office, should be distributed pretty uniformly over these islands; and accordingly the opportunity seemed to be offered, by this proposed international publication, for instituting satisfactory relations of co-operation between the Office and the several independent organizations of observers in the United Kingdom, in order that the information to be published should be as fairly representative of our climate as possible.

Arrangements with the Meteorological Society.

An agreement was therefore entered into between the office and the Meteorological Society, as explained in the Report for 1874, in virtue of which the Society supplies certain returns from some of its stations for publication by the Office with similar returns from its own stations, and the arrangements in question came into operation with the year 1875. The following is the list of stations which commenced observing for the Meteorological Office, for the most part on the 1st of January 1875, and whose returns are being published, either in full, or as monthly summaries of mean results.

Stations of second order in connection with the Office.

| Names of Stations. | Observers. |
|---|---|
| **England.** | |
| Chatham, Kent | Captain J. Fellowes, R.E. |
| Chigwell Row, Essex | J. Campbell, M.D., R.N. |
| Durham, Durham | G. A. Goldney. |
| * Giggleswick, Yorkshire | Rev. G. Style, M.A. |
| Hastings, Sussex | A. E. Murray, F.M.S. |
| Hull, Yorkshire | Rev. W. P. Mackay, D.D. |
| Leicester | W. J. Harrison. |
| Norwich | J. Quinton, junr. |
| A Oscott, Warwickshire | Rev. S. Whitty. |
| Seaham, Durham | G. H. Aird. |
| * St. Aubin's, Jersey | J. E. Vibert, M.A. |
| * Uppingham, Rutlandshire | Rev. G. Mullins. |
| **Scotland.** | |
| * Glenalmond, Perthshire | Rev. W. P. Robinson, M.A. |
| Sandwick Manse, Orkneys | Rev. C. Clouston, LL.D. |

* The year's series not complete.

| Names of Stations. | Observers. |
|---|---|
| **IRELAND.** | |
| Dublin | J. W. Moore, M.D. |
| A Markree Castle, Sligo | Anna Doberck, for Col. Cooper, F.R.A.S. |
| A Parsonstown (Birr Castle), King's Co. | J. Dreyer, M.A., for the Earl of Rosse, F.R.S. |

The stations marked A in the preceding list are those for which the observations are being published for 1875 *in extenso*.

Returns supplied by the Meteorological Society.

The following is the list of stations in connexion with the Meteorological Society whence returns are received for publication A, in full, or B, as monthly summaries, in pursuance of the arrangements already mentioned.

STATIONS, A.

| | |
|---|---|
| Buxton, Derbyshire | E. J. Sykes, Esq., F.R.A.S. |
| Calcethorpe, Lincolnshire | D. G. Briggs, Esq. |
| Carmarthen | G. J. Hearder, M.D. |
| Dartmoor Prison, Devonshire | R. E. Power, L.R.C.P. |
| Hawes, Yorkshire | Rev. J. D. Parker, LL.D. |
| Strathfield Turgiss, Hants | Rev. C. H. Griffith. |

STATIONS, B.

| | |
|---|---|
| Audley End, Essex | Mr. J. Bryan. |
| Bath | C. S. Barter, Esq., M.B. |
| Cheadle, Cheshire | J. C. Philips, Esq. |
| Crowborough Beacon, Kent | C. L. Prince, Esq., M.R.C.S. |
| Hillington, Norfolk | Rev. H. Ffolkes. |
| Llandudno | J. Nicoll, M.D. |
| Marlborough, Wiltshire | Rev. T. A. Preston, M.A. |

The returns from these stations are published in the form of Appendices to the Quarterly Weather Reports, and it is intended that the detailed Returns on Form A. should be issued separately, so that they can be bound up with similar Returns from other countries so as to form an International Summary of Meteorological records.

Extra stations.

Returns of various degrees of completeness are received from the following observers, in addition to the monthly copies of the observations taken at all the telegraphic stations.

| Names of Stations. | Observers. |
|---|---|
| **ENGLAND.** | |
| Acrise, Kent | G. C. Woollett. |
| Alnwick Castle, Northumberland | F. Holland, for the Duke of Northumberland, K.G. |
| Barnstaple, Devonshire | W. Knill. |
| Brixham, Devonshire | J. Scivill, Harbour Master. |
| Chiswick (Royal Horticultural Society), Middlesex | J. K. M. L. Farquhar. |
| Cooper's Hill (Indian Civil Engineering College) Surrey | H. McLeod, F.C.S. |
| Gorleston, Norfolk | R. J. C. Day, Piermaster. |
| Helston, Cornwall | M. P. Moyle, M.D. |
| Killingholme, Lincolnshire | Rev. J. Byron. |

| Names of Stations. | Observers. |
|---|---|
| Rugby, Warwickshire | J. M. Wilson, F.R.A.S. |
| Saffron Walden, Essex | J. G. Bellingham. |
| Sheffield, Yorkshire | W. F. Cooper, F.M.S. |
| Shipston-on-Stour, Warwickshire | Finlay Dun. |
| Silloth, Cumberland | Rev. F. Redford, F.R.S.E. |
| Southport, Lancashire | J. Baxendell, F.R.A.S. |
| Winchester, Hampshire | Rev. G. Richardson. |
| **IRELAND.** | |
| Dromore (Coleraine), Co. Derry | Mrs. Torrens. |
| Ennis, Co. Clare | J. Hill, C.E. |

## LIBRARY.

Library.

Appendix XII. contains a list of the donations made to the library during the year. Most of these have been received in return for the publications of the Office. In addition a few volumes have been purchased.

In consequence of the constant reference which is made to the Office for information on meteorological questions, it has been endeavoured to collect a small library containing the standard works on meteorology, and the subjects allied to that science. The Committee are glad to say that they have already succeeded in obtaining many important works.

The library at present consists of upwards of 2,000 volumes, and above 2,000 pamphlets, exclusive of charts and MS. records of observations. The pamphlets are bound in convenient volumes for reference. The books, &c. are lent to the staff of the Office, under the usual regulations.

## EXPENDITURE.

Analysis of expenditure.

The disbursements during the year ending 31st March 1876 have fallen short of those of the preceding year by the amount of 294*l.* 19*s.* 10*d.* The following table shows the general distribution of the expenditure under the several heads of service :—

| | 1874-75. | 1875-76. | Increase. | Decrease. |
|---|---|---|---|---|
| | £ s. d. | £ s. d. | £ s. d. | £ s. d. |
| Office salaries, &c. | 1,314 19 0 | 1,365 11 6 | 50 12 6 | — |
| „ rent, attendance, and contingencies | 798 19 8 | 890 16 6 | 91 16 10 | — |
| Observatories | 3,799 7 10 | 3,924 1 0 | 124 13 2 | — |
| Telegraphy | 3,387 17 8 | 3,007 1 4 | — | 380 16 4 |
| Ocean Meteorology | 2,384 6 4 | 2,203 0 4 | — | 181 6 0 |
| Totals £ | 11,685 10 6 | 11,390 10 8 | 267 2 6 | 562 2 4 |

Net decrease, 294*l.* 19*s.* 10*d.*

This abstract does not give a complete representation of the

financial position of the Office, which will be better seen by referring to the statements in Appendix I. Analysis of expenditure.

The increase under the head of *Observatories* is chiefly due to transactions on account of Meteorological establishments in our colonies and in foreign countries, &c., the directors of which have availed themselves in 1875, even to a greater extent than in previous years, of the assistance of the Office in procuring instruments from London makers. The cost incurred on this account is of course repaid by the respective establishments, as shown in the financial statements in Appendix I.

Telegraphy shows a considerable decrease, owing to the fact, which was explained in the Report for 1874, that the payments made in that year included certain arrears due to the Post Office for services performed at an earlier date, for which application had not previously been made.

Finally, the statements in Appendix I. show that the amount standing to the credit of the Committee on March 31, 1876, was 1,278*l.* 9*s.* 1*d.*, and that, after deducting liabilities, &c., the estimated *available* balance was 900*l.* 9*s.* 6*d.* against 1,053*l.* 1*s.* 5*d.* at the corresponding period of 1875. These figures show that the expenditure of the year has exceeded the actual income by about 150*l.*

In fact, it is only by the most careful management of the finances that the Office can be conducted so as to keep reasonably within the limits of expenditure prescribed for it by the Parliamentary Grant. The surplus to the credit of the Committee is what, after nine years, remains of the unexpended balance of the Parliamentary Grant in 1867–8, in which year, the first of the management of the Office by the Committee, the operations of the Office had not received their complete development.

## SUMMARY.

The Committee have to lament the death of one of their members, Sir Charles Wheatstone; with this exception the administration of the Office has remained unaltered during the year.

The eighth report of the Royal Commission on Scientific Instruction appeared in the course of the year; the remarks of the Commissioners bearing upon the work of the Meteorological Office will be found on p. 5 of this Report.

I. *Ocean Meteorology.*—The Office has continued its practice of lending standard instruments to merchant captains willing to observe for it, and also the regular supply of all meteorological instruments to the Royal Navy. The number of barometers afloat on the 1st January 1876 as compared with that for 1875 was as follows:— Ocean Meteorology.

| | 1876. | 1875. |
|---|---|---|
| Merchant service - - | 93 | 83 |
| Royal Navy (including aneroids) | 577 | 582 |

Fifty-six observers *in the Mercantile Marine* alone have sent in logs which received the mark of "Excellent." A complete list of documents received during the year will be found in Appendix III. The geographical distribution of the voyages

Ocean Meteorology.

on which observations were being taken at the close of the year will be found on p. 8.

The publication of the Monthly Charts and explanatory text for the district of the Atlantic lying between latitude 20° N. and 10° S., and longitude 10° to 40° W. (see p. 9), has been unavoidably delayed, but is now nearly completed. This investigation will throw important light on several subjects of general as well as of special interest

The investigation of another great district of the greatest importance to navigators, viz., that of the Cape of Good Hope, has also been undertaken, and the work is now fully in operation (see p 11).

The Office has also undertaken to supply the Indian Government with a tabulated copy of the observations in their possession for the Northern Indian Ocean and the Bay of Bengal. The part for the month of January is now completed (June, 1876).

The investigation into the Atlantic weather during the month of August 1873 has made steady progress.

The disbursements made during the financial year for this department have been 2,203*l.* 0*s.* 4*d.*

Weather Telegraphy.

II. *Weather Telegraphy.*—There has been no change of importance during the year. Nearly all the stations have been inspected, and improvements effected at some, notably at North Shields and Cambridge.

The Office has continued to exchange telegraphic information with nearly all adjacent continental nations and to issue warnings of storms to Denmark, France, Germany, Holland, and Norway. A daily summary is sent to France and thence to Italy.

Storm warning signals are hoisted at 130 stations, namely:—64 in England, 15 in Wales, 32 in Scotland, 13 in Ireland, 3 in the Isle of Man, 3 in the Channel Islands.

The results of total success of the warnings have been 76·2 per cent. as compared with 78·2 in 1874 (see p. 17).

Daily Weather Charts have been issued to the number of above 500 copies, and the publication of charts in the London and country newspapers has been continued.

Since January 1876, special arrangements have been made with the "Times," with the approval of the Board of Trade, for the supply of an evening chart from observations taken at 6h. p.m., the extra expense incurred being borne by that paper.

The supply of synchronous observations taken at 0h. 43m. G. M. T. to the Signal Office in Washington has been continued. The list of observers joining in the work will be found in Appendix X.

The number of Coast stations supplied with "Fishery" barometers is 132, viz.:—In England, 52; in Scotland, 44; in the Isle of Man, 2; in Wales, 5; in Ireland, 29.

The Office claims for its telegraphic service a higher degree of

scientific accuracy and completeness than exists in any *at present* in operation in Europe.

The disbursements made during the financial year for this department have been 3,007*l.* 1*s.* 4*d.*

Land Meteorology of the British Islands.

III. *Land Meteorology of the British Islands.*—The work of this department has continued in operation without material alteration. At p. 18 will be found a statement of the regular allowances made to each of the seven observatories established by the Committee. The continuous curves and the calculated means are published in the Quarterly Weather Reports. The hourly tabulated values and the calculated vapour tension are lithographed and distributed monthly.

In addition to the seven observatories, the Office is in connexion with a number of other stations (see p. 20) whence returns of various degrees of completeness are received, and the arrangements with the Meteorological Society of London, referred to in last report, for the supply of returns from certain of its stations, have been continued, the Office paying a certain sum for this information.

Returns from 9 of these stations in Great Britain and Ireland, in addition to the *monthly results* from a number of other stations, are published, in accordance with the wish expressed at the International Congress of Vienna.

The disbursements made on account of this department have been 3,924*l.* 1*s.* 0*d.*

Office.

*Office.*—An active interchange of publications with Foreign and Colonial Establishments has been kept up, and a list of presents received in exchange will be found in Appendix XII. A complete classified catalogue of the books in the possession of the Office has been made.

The expenses of management in salaries and wages have been 1,365*l.* 11*s.* 6*d.*

The other charges incident on the Office for rent, contingencies, postage, &c. have been 890*l.* 16*s.* 6*d.*

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Treasury inquiry into the Office.

In the month of July 1875 the Treasury announced their intention of instituting an inquiry, firstly, into the results hitherto attained by the Office, and, secondly, into the best method of administration of the funds supplied by the Government for the service of Meteorology.

A Committee was nominated for this purpose in the month of November, consisting of the following members:—

Sir W. Stirling Maxwell, Bt., M.P.
T. Brassey, Esq., M.P.
T. H. Farrer, Esq.
Fras. Galton, Esq., F.R.S.
J. D. Hooker, M.D., C.B., P.R.S.
R. W. Lingen, Esq., C.B.
D. Milne Home, Esq., F.R.S.E.
Lieutenant-General R. Strachey, R.E., C.S.I., F.R.S.

The sittings of the Committee did not commence before the close of the year.

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# APPENDIX.

## APPENDIX I.

### Meteorological Office: Account of Receipts and Payments for the year ending 31st March 1876.

#### Receipts.

| | | | |
|---|---|---|---|
| Balance from year 1874–5 | | £1,826 | 15 5 |
| Parliamentary Vote | | 10,000 | 0 0 |
| Receipts from various sources:— | | | |
| H. Mohn | 66 0 0 | | |
| H. De Vismes | 4 1 0 | | |
| J. E. Vibert | 11 1 0 | | |
| Power Brothers | 2 18 4 | | |
| Bishop of Rupert's Land | 15 11 0 | | |
| G. T. Kingston | 161 3 3 | | |
| R. Maguire | 1 5 0 | | |
| Duke of Marlborough | 1 19 0 | | |
| Dr. Forster | 8 7 0 | | |
| Capt. Hoffmeyer | 5 2 0 | | |
| Gregor, Turnbull, & Co. | 1 0 0 | | |
| Kew Committee | 7 13 0 | | |
| C. Meldrum | 7 6 0 | | |
| R. Rubenson | 4 17 0 | | |
| E. Hubbard, M.P. | 1 2 0 | | |
| E. R. Owen | 1 2 6 | | |
| C. Wille | 47 5 0 | | |
| J. B. Whitaker | 10 10 0 | | |
| R. M. Barrington | 1 14 6 | | |
| J. Quinton, jr. | 3 3 0 | | |
| H. Story | 9 0 0 | | |
| Rev. J. Taylor | 4 0 0 | | |
| Rev. M. T. Mackay, D.D. | 2 5 6 | | |
| Major-General Smythe, R.A. | 1 2 9 | | |
| Board of Trade | 27 8 0 | | |
| Dunsink Observatory | 7 18 6 | | |
| W. F. Cooper | 4 2 6 | | |
| A. O. Walker | 3 8 6 | | |
| R. J. Ellery | 8 9 4 | | |
| Patent Type Founding Co. | 5 8 6 | | |
| Sundry small amounts | 8 14 6 | | |
| Subscriptions to D. W. Charts | 282 4 1 | | |
| Subscriptions to Capt. Hoffmeyer's Charts | 42 2 7 | | |
| Subscriptions to Hourly Obsns. | 14 0 0 | | |
| | | 783 | 5 4 |
| Interest on Deposit Account | | 58 | 19 0 |
| | | £12,668 | 19 9 |

#### Payments.

| | | | |
|---|---|---|---|
| Office: | | | |
| Salary of Director | 800 0 0 | | |
| „ Two Clerks | 399 11 0 | | |
| Office-keeper and Messenger | 166 0 6 | | |
| | | £1,365 | 11 6 |
| Rent of Office | 534 12 0 | | |
| Fuel and gas | 33 15 3 | | |
| Furniture, fittings, &c. | 57 7 3 | | |
| | | 625 | 14 6 |
| Postage | 60 10 4 | | |
| Printing and books | 43 0 10 | | |
| Attendance, and other Contingencies | 161 10 10 | | |
| | | 265 | 2 0 |
| Land Meteorology: | | | |
| Expenses at Observatories | 2,593 2 11 | | |
| New instruments (commissions, &c.) | 474 11 5 | | |
| Computations | 856 6 8 | | |
| | | 3,924 | 1 0 |
| Telegraphy | 1,744 12 0 | | |
| Inspections, issue of D. W. Charts, &c. | 485 7 8 | | |
| Computations | 777 1 8 | | |
| | | 3,007 | 1 4 |
| Ocean Meteorology: | | | |
| Marine Superintendent | 400 0 0 | | |
| Supply and Return of Instruments, &c.: | | | |
| Admiralty | 394 17 6 | | |
| Mercantile Marine | 420 5 5 | | |
| Computations and Care of Instruments | 987 17 5 | | |
| | | 2,203 | 0 4 |
| | | 11,390 | 10 8 |
| Cash in hand | 84 2 7 | | |
| Advance to Valencia Observatory | 50 0 0 | | |
| Bank of England | 414 15 4 | | |
| London and Westminster Bank | 729 11 2 | | |
| | | 1,278 | 9 1 |
| | | £12,668 | 19 9 |

Examined and compared with the vouchers and found correct.

(Signed) Rosse,
Francis Galton, } Auditors.

31st May 1876.

### Balance Sheet, 31st March 1876.*

| | | | |
|---|---|---|---|
| To sundry creditors | 900 1 10 | By balance of receipts and payments account | 1,278 9 1 |
| probable net surplus | 909 9 6 | „ sundry debtors | 531 2 3 |
| | 1,809 11 4 | | 1,809 11 4 |

* The value of stock of instruments, &c., is not included in this statement.

## APPENDIX II.

LIST of CAPTAINS (and Officers) who have received from the Committee a Copy of the Admiralty Charts, to 31st March 1876 (*see* Report, p. 7). The figures opposite to each show the number of Special Letters of Thanks written to each Observer in acknowledgment of "Excellent" Registers returned to the Office.

| Captain's Name. | Letters of Thanks. | Ship. |
|---|---|---|
| *Aird, A. D. | 1 | S.S. "Prussian." |
| Almond, Thomas Michael, F.R.A.S. | 3 | "Decapolis." |
| Angel, John Fry | 1 | "Twilight." |
| Balderston, Richard James | 2 | "Rajmahal." |
| Banner, Frederick William | 4 | "Lady of the Lake," and "Kenilworth." |
| *Baker, Thomas | 1 | "Zoroaster" |
| Barwood, William Richford | 2 | "Fugitive.". |
| Becket, Alexander | 1 | "City of Perth." |
| Bennett, E. C. | 1 | "Thessalus." |
| Blackie, A. H., R.N.R. | 1 | "Melpomene." |
| Blair, J. | 1 | "Arouca." |
| Blake, Edwin John | 5 | "Gilbert Thompson," "Gitana," and "Sydney Dacres." |
| Bouchette, Francis Baines | 2 | S.S. "European." |
| Brooks, Samuel | 3 | S.S. "City of Brooklyn." |
| Brown, Robert | 2 | S.S. "Moravian." |
| Bruce, John | 4 | "City of Adelaide," and S.S. "Australian." |
| *Bythesea, John (V. C.), R.N. | 2 | H.M.S. "Phœbe." |
| Campbell, Archibald | 5 | S.S. "Britannia," and S.S. "Europa." |
| Campbell, H. | 1 | "Burdwan." |
| Capper, Edward Hall | 2 | "Palm Tree." |
| *Carruthers, Forrest Priest* | 3 | "Minero." |
| Comley, William Guise, R.N.R. | 2 | S.S. "Hong Kong." |
| Cruickshank, William | 1 | "Richard Wright." |
| *Davidson, Charles* | 1 | "Perseverance." |
| Dobson, Charles Meadows | 2 | S.S. "Beta." |
| *Donkin, Thomas*, R.N.R. | 3 | "Inverness." |
| Ellery, William | 6 | "Bowfell." |
| Faithfull, Henry | 1 | "Haddon Hall." |
| Fernie, Alexander Durward | 1 | "Sir John Lawrence." |
| Finlay, James | 3 | "Duncairn." |
| Freeman, Thomas W. | 3 | S.S. "Wisconsin." |
| Fry, Alfred | 3 | "Foam." |
| Gales, I. C. | 1 | "Flechero." |
| Gaye, Gerrard | 3 | "Eliza Shaw." |
| **Goodenough, James G., R.N.* | 1 | H.M.S. "Pearl." |
| *†Goodsall, W. | 1 | S.S. "Kangaroo." |
| Grange, James | 1 | S.S. "Acantha." |
| Gray, David | 3 | S.S. "Eclipse." |
| **Gray, F. J., R.N.* | 1 | H.M.S "Nassau." |
| Gray, John | 3 | S.S. "Mazinthien" and S.S. "Hope." |
| Gray, John McDonald | 7 | "Speranza." |
| Greenwood, William | 6 | S.S. "Scotia" and "Assaye." |
| Grigs, George, R.N.R. | 3 | S.S. "Helvetia," and S.S. "France." |
| *Haran, Dr. T. J., R.N. | 1 | H.M.S. "Agincourt." |

* Pilot charts not presented. † Chief Officer.

Names of Officers, deceased, *in italics*.

| Captain's Name. | Letters of Thanks. | Ship. |
|---|---|---|
| *Harris, David* | 2 | S.S. "Medway." |
| *Hassell, Thomas Edward* | 3 | "Mervyn." |
| Hayes, James | 7 | S.S. "Ptolemy" and S.S. "Camoens." |
| Hayward, George Olive | 2 | S.S. "Durley." |
| Heggum, Edward Carl V. | 6 | "Czar." |
| Henderson, Henry | 3 | "Hope," and S.S. "Cleveland." |
| ‡Hodding, Samuel White | 3 | "Indus." |
| Holdich, John Peach, R.N.R. | 3 | "Agra." |
| *Hopkins, John O., R.N. | 1 | H.M.S. "Liverpool." |
| *Hosken, H., Staff Com. R.N. | 1 | H.M.S. "Pearl." |
| *†Hunt, J. | 1 | "Avonside." |
| Hunter, David | 5 | S.S. "Alpha" and S.S. "Delta." |
| *Jackson, Robert, Staff Com. R.N. | 1 | H.M.S. "Glasgow." |
| Johnson, Charles, R.N.R. | 3 | "St. Lawrence." |
| Jones, Arthur Arundel | 3 | "Victoria Nyanza," and "Chevy-chase." |
| Jones, George Henry | 6 | S.S. "Nile," and S.S. "Niger." |
| *Jones, L. F., R.N. | 1 | H.M.S. "Valorous." |
| *Jones, Theodore Morton, R.N. | 3 | H.M.S. "Glasgow." |
| Kennedy, Charles William | 3 | S.S. "Scotia," and S.S. "Baltic." |
| Kennedy, James Branch, R.N.R. | 1 | S.S. "Blue Cross." |
| Kerr, Alexander | 2 | "Ardgowan." |
| Kerr, Thomas Coulter, R.N.R. | 2 | "Durham." |
| Latham, Frederick W. | 1 | "Sumatra." |
| Lecky, Squire Thornton Stratford, R.N.R., F.R.G.S. | 2 | S.S. "Uruguay" and S.S. "Halley." |
| Leportier, Theodore | 2 | "Kate." |
| Lewis, John Thomas, R.N.R. | 2 | S.S. "Scotia," and S.S. "Chaldea." |
| Lindsay, Henry Kay | 2 | "Valparaiso." |
| Longley, Herbert | 3 | S.S. "Yorkshire." |
| Lunham, Robert Dowe | 6 | S.S. "Berar," S.S. "Durley" and "Charles Howard." |
| **MacDonald, John* | 1 | S.S. "Europa." |
| McKechnie, Duncan Ferguson | 5 | "Cottica." |
| Mackellar, D. E. | 1 | Observations at Rapa Island. |
| Mackie, Thomas | 1 | S.S. "Mazinthien." |
| Maddison, John, R.N.R. | 1 | "Anglesey." |
| Manning, Henry | 1 | S.S. "Kangaroo." |
| Maples, Charles | 2 | "Genii." |
| Martyn, John Artis | 13 | S.S. "Siberia" and S.S. "Samaria." |
| *Mayne, Richard C., R.N., C.B. | 1 | H.M.S. "Nassau." |
| †Menzies, Charles James | 1 | S.S. "Austrian" and S.S. "Sarmatian." |
| Miller, A. John | 1 | "Camperdown." |
| *Moore, Thomas* | 1 | "W. E. Gladstone." |
| Morton, John D'Arcy | 1 | "Henry Bath." |
| *Mossop, Clement* | 3 | "Candahar." |
| Mouland, John Elsey | 5 | S.S. "Batavia." |
| Murphy, Michael | 1 | S.S. "Tarifa." |
| *Nares, George Strong, R.N., F.R.S. | 1 | H.M.S. "Challenger." |
| Newton, James William | 1 | S.S. "Grenadier." |
| Owen, John | 2 | "W. G. Russell." |
| †Paterson, James Forrest | 2 | S.S. "Moravian." |
| Pearson, Charles William | 7 | S.S. "Strathclyde." |

* Pilot Charts not presented. † Chief Officer.
‡ Second Officer.
Names of Officers, deceased, *in italics*.

| Captain's Name. | Letters of Thanks. | Ship. |
|---|---|---|
| *Perry, John L., R.N. | 2 | H.M.S. "Orontes." |
| *Petch, John A. R., Staff Com., R.N. | 2 | H.M.S. "Phœbe." |
| Petrie, Peter Conrad | 2 | S.S. "Patagonia." |
| *Pollard, Lt., G.N., R.N. | 2 | H.M.S. "Nassau." |
| Potts, Thomas Crosby | 8 | "Tenasserim." |
| Prehn, Carl Christian | 1 | "Eleanor." |
| Price, James John | 8 | "Sorata." |
| Rawle, Charles, R.N.R. | 1 | "Star of the North." |
| Raymond, Charles Tenzer | 5 | "British India" and "British Consul." |
| Reid, Carson William | 2 | "Lord Strathnairn." |
| Renaut, Charles Henry | 5 | "Celaeno" and "Glenlora." |
| *St. John, H. C., R.N. | 1 | H.M.S. "Sylvia." |
| †Scott, Fergus | 1 | S.S. "Hotspur." |
| †Scott, George Alexander Brown | 1 | S.S. "Nestorian." |
| *Sharp, William H., Staff Com., R.N. | 1 | H.M.S. "Liverpool." |
| Shaw, Gilbert | 2 | S.S. "Beta." |
| *Shortland, P. F., R.N. | 1 | H.M.S. "Hydra." |
| Simpson, Alexander | 6 | "Traveller." |
| *Smith, David, F.R.A.S.* | 1 | "Wiltshire." |
| Smith, William Charles | 2 | "Kingdom of Saxony." |
| Smith, William Henry, R.N.R. | 7 | S.S. "Hibernian," S.S. "Peruvian," and S.S. "Scandinavian." |
| Stanhope, John | 1 | "Decision." |
| Steele, John | 2 | S.S. "Erl King." |
| Stephen, John George | 2 | S.S. "Moravian" and S.S. "St. Patrick." |
| Stuart, George Rennie | 4 | "Otago." |
| Stuart, William Henry | 5 | "Richmond." |
| Sutherland, James Taylor | 3 | "Maggie" and "Glenesk." |
| Symington, William | 9 | "Northfleet," "Flying Venus," and S.S. "Hong Kong." |
| *Tandy, Dashwood G., R.N. | 1 | H.M.S. "Nassau." |
| *Thomson, F. T., R.N. | 2 | H.M.S. "Challenger." |
| Tilmouth, Robert J. C. | 1 | "Peeress." |
| Townsend, William Henry | 1 | "Valentine and Helene." |
| Trench, Chas. E. Le Poer | 3 | "Newcastle." |
| *Tucker, John Worth* | 1 | "John Temperley." |
| Tully, Thomas | 2 | "Baroda." |
| *Vine, William W., Staff Com., R.N. | 3 | H.M.S. "Orontes." |
| Vowell, Michael | 2 | "Kelso" and "Undine." |
| Wadham, Thomas Littleford | 5 | "Vere." |
| Walker, John Burnett | 1 | S.S. "Erik." |
| Warden, William | 1 | S.S. "Alpha." |
| Watkins, Thomas | 1 | "Emulation." |
| Watson, William | 13 | S.S. "Palmyra" and S.S. "Parthia." |
| *‡Wheeler, F. S., R.N. | 1 | H.M.S. "Sylvia." |
| Wherland, Frederick, R.N.R. | 6 | "Galatea." |
| Wight, Henry Potts | 4 | "Gosforth." |
| Wilcox, Henry George, R.N.R. | 3 | "St. Lawrence." |
| Williams, James Agnew | 1 | S.S. "Wisconsin." |
| Wylie, James | 2 | S.S. "Austrian" and S.S. "Sarmatian." |
| Young, Allen | 1 | S.S. "Pandora." |

In addition the Committee have presented barometers to two gentlemen who have formerly kept registers for the Office, but have now retired from the sea, viz., to Capt. A. D. Wood in 1867, and to Capt. Isaac Gales in 1870. A set of instruments was also presented to Capt. Alfred Fry in 1868.

* Pilot Charts not presented. † Chief Officer.
‡ Navigating Sub-Lieutenant.
Names of officers deceased, *in italics*.

## APPENDIX III.—Ships supplied and Documents returned during the year 1875.

The number of ships supplied with standard instruments and meteorological registers during the year 1875 was 87. This number does not include ships in the Royal Navy, all of which are supplied with instruments by the Meteorological office, but in which the keeping of a special meteorological register is optional.

The number of meteorological registers and documents received during the year 1875, and registered in the Office, amounted altogether to 210, of which 97 were returned from ships, and 113 from land stations, outside the British Isles and exclusive of synchronous observations (p. 17).

List of Documents received from Land Stations.

| Place. | Observer. | No. of Documents. | Nature of Observations. |
|---|---|---|---|
| Abaco (Bahamas) | Lightkeeper | 2 | "Lighthouse" Register, July 1874 to June 1875. |
| Angra do Heroismo, Azores | | 11 | Three observations daily, November 1874 to September 1875. |
| Bermuda | Dockyard Authorities | 12 | Anemometrical Records, November 1874 to October 1875. |
| Do. | Lightkeeper | 3 | "Lighthouse" Register, February 1873 to June 1875. |
| Beyrout (Lee Obsy.) | Rev.C.V.Van Dyck,D.D.,M.D. | 11 | Two observations daily, December 1874 to October 1875. |
| Breaksea Island | Lightkeeper | 1 | "Lighthouse" Register, January to June 1875. |
| Campo Maior | | 2 | Three observations daily, January to October 1873. |
| Cape Pembroke (Falklands) | Lightkeeper | 3 | "Lighthouse" Register, January 1874 to June 1875. |
| Cay Sal (Bahamas) | Lightkeeper | 2 | "Lighthouse" Register, August 1874 to August 1875. |
| Eastern Asia | Capt. A. Schück | 1 | The Monsoons of the seas of Eastern Asia. |
| Funchal (Madeira) | | 11 | Three observations daily, November 1874 to September 1875. |

LIST of DOCUMENTS—*continued.*

| Place. | Observer. | No. of Documents. | Nature of Observations. |
|---|---|---|---|
| Gibraltar | | 12 | Two observations daily and monthly means, December 1874 to November 1875. |
| Heligoland | Lightkeeper | 14 | Eight observations daily, June to October 1874, January and April to November 1875. |
| Honolulu | Officers of Transit of Venus party. | 1 | Observations from October 13, 1874, to February 9, 1875. |
| Labrador Current | Com. W. W. Kiddle | 1 | Observations on Sea Temperature, during 1873–5. |
| Lisbon | | 2 | Three observations daily, January to October 1875. |
| North Pacific | Capt. A. Schück | 1 | Data from Maury's Pilot Charts, and observations from logs of British and German vessels. |
| Patras (Greece) | Rev. H. A. Boys | 7 | One observation daily, November 1874 to May 1875. |
| Point King | Lightkeeper | 1 | "Lighthouse" Register, January to June 1875. |
| St. John's (Newfoundland) | J. Delany | 12 | Three observations daily, December 1874 to November 1875. |
| Sombrero | Lightkeeper | 3 | "Lighthouse" Register, May 1874 to October 1875. |
| ——— | N. M. Lowe | 1 | The tracing of Hygrometric Chart. |
| Transit of Venus | | — | See Honolulu and Capts. Cator, Lindsay, Tupman and Williams. |
| | | 113 | |

## List of Documents received from Ships.

| Captain's Name. | Ship. | Tons. | Owners. | Voyage. | Months of Register. |
|---|---|---|---|---|---|
| Almond, T. M. | Decapolis | 632 | T. B. Walker, London | Brisbane | 6 |
| Atkinson, J. H. | S.S. Patna | 1,132 | Steam Navigation Company (British India). | In Bay of Bengal | 1 |
| " | S.S. Himalaya | 912 | British India Steam Navigation Company, London. | From Calcutta to Bombay | 16 days. |
| Austin, H. T., C.B. | Resolute | — | H.M.S. | Arctic Regions, 1850–51 | 14 |
| [1] Balderston, R. J. | Rajmahal | 1,302 | T. & R. Brocklebank, Liverpool | Calcutta | 8 |
| [2] Barlow | S.S. Pekin | 2,099 | Peninsular and Oriental Steam Navigation Co., London. | Through Suez Canal | 7 days. |
| Bateman, L. J. | Nation's Hope | 741 | G. W. Allen, Sydney | Sydney to San Francisco, Melbourne, and home. | 6 |
| Becket, Alexander | City of Perth | 1,189 | G. Smith & Sons, Glasgow | Melbourne | 5 |
| Bennett, Charles | Luna | 171 | Commercial Co., Aberdeen | Ports in Mediterranean, 3 voyages | 5 |
| Bennett, E. C. | Thessalus | 1,782 | J. Carmichael, Greenock | Calcutta | 7 |
| [3] Bird, G. E., R.N.R. | S.S. Kafir | 613 | Union Steamship Co. Southampton | Between Natal and Zanzibar | 2 |
| Blair, John | Arouca | 586 | J. R. Greig, Glasgow | Trinidad | 4 |
| Blake, E. J. | Sydney Dacres | 1,380 | E. Bates, Liverpool | San Francisco | 10 |
| Brown, A. J. | Vere | 396 | Anderson & Co., London | Jamaica | 3 |
| Buchan, James | Alliance | 300 | J. Grierson, Glasgow | Surinam | 3 |
| Campbell, Hugh | Burdwan | 803 | T. & R. Brocklebank, Liverpool | Calcutta | 7 |
| [4] Cator, R. P., R.N. | Scout | 2,187 | H.M.S. | Valparaiso to Sandwich Island | 35 days. |
| Comley, W.G., R.N.R. | S.S. Hong Kong | 1,221 | E. H. Watts, London | China, viâ Suez | 4 |
| Cowley, George, R.N.R. | S.S. Amcott | 655 | E. Capper, Cardiff | Bombay, Baltic Sea, and home | 3 |
| Cruickshank, William | Richard Wright | 1,353 | J. Nevins, St. John's, N.B. | Rio Janeiro, San Francisco, and home | 10 |
| Davidson, C.R. | S.S. Braemar | 725 | J. Davidson, Aberdeen | To Rotterdam | 13 days. |
| [5] Dobson, C. M. | S.S. Beta | 1,014 | Smith, Hill, & Co. Hull | Ports in Mediterranean, 4 voyages | 11 |

LIST of DOCUMENTS, &c.—*continued.*

| Captain's Name. | Ship. | Tons. | Owners. | Voyage. | Months of Register. |
|---|---|---|---|---|---|
| Dring, Robert | Swan | — | —— | Davis's Straits, 1836–1837 | 15 |
| Ellery, William | Bowfell | 1,002 | T. & R. Brocklebank, Liverpool | Calcutta | 8 |
| [6] Franklin, E. B. H. | Conway | — | School Frigate | Off Liverpool | 4 |
| Gaye, Gerrard | Eliza Shaw | 696 | C. Shaw, London | China | 8 |
| Gedye, W.S., R.N.R. | Celœno | 702 | Rhoades & Son, London | Singapore | 7 |
| Gibbs, N. N. | Margaret Wilkie | 348 | H. Watt, Liverpool | To Santas, West Indies, and home | 3 |
| [7] Goodenough, J.G., R.N. | Pearl | 2,187 | H.M.S. | At Australian Stations | 8 |
| [8] Granger, Horace | S.S. MacGregor | 1,413 | D. M'Gregor, Leith | Auckland to San Francisco | 1 |
| Gray, David | S.S. Eclipse | 296 | D. Gray, Peterhead | Greenland | 5 |
| [9] Gray, F. J., R.N. | Nassau | 877 | H.M.S. | From Malta to Zanzibar, via Suez | 8 |
| [10] ,, ,, | ,, | ,, | ,, | At Zanzibar, and to and from Seychelles | 8 |
| [11] ,, ,, | ,, | ,, | ,, | Surveying coast of Zanzibar | 4 |
| Gray, John | S.S. Hope | 452 | R. Kidd, Peterhead | Greenland | 5 |
| Gray, J. McDonald | Speranza | 455 | W. Nicholson, Sunderland | Valparaiso | 7 |
| Gun, A. F. | Golden Fleece | 1,257 | Carmichael & Co., Greenock | Calcutta, Trinidad, New York | 7 |
| Heasman | S.S. Himalaya | 912 | British India Steam Navigation Company. | In Bay of Bengal | 18 days. |
| Heggum, E. C. V. | Rozelle | 1,286 | R. Cuthbert, Greenock | Calcutta, New York, and home | 8 |
| [12] Hellam, John | Norseman | 599 | J. Lyne, Liverpool | Valparaiso | 7 |
| Hilliard, A. J. | S.S. Dacia | 1,470 | India Rubber Telegraph Co. | In North Atlantic | 2 |
| ,, ,, | ,, | ,, | ,, ,, | West Coast of South America | 6 |
| Holdich, J. P., R.N.R. | Agra | 821 | Bilborough & Parsons, Liverpool | Bombay, Rangoon, and home | 11 |
| [13] Jenkins, George | Lady Jocelyn | 2,138 | J. Temple, London | To Lyttleton, New Zealand | 3 |
| Johnson, Chas., R.N.R. | St. Lawrence | 1,094 | J. Lawrence, London | New Zealand | 10 |

LIST of DOCUMENTS, &c.—*continued.*

| Captain's Name. | Ship. | Tons. | Owners. | Voyage. | Months of Register. |
|---|---|---|---|---|---|
| Jones, G. H. | S.S. Niger | 1,125 | C. Norwood, London | Odessa, one voyage; Cronstadt, one voyage. | 3 |
| " " | S.S. Nile | 1,081 | " " | Revel, one voyage | 21 days. |
| " " | S.S. Dwina | 817 | " " | Cronstadt, one voyage | 18 days. |
| [14] Jones, T. M., R.N. | Glasgow | 3,037 | H.M.S. | From Zanzibar to Seychelles, Trincomalee, Calcutta, and Madras. | 4 |
| [15] " " | " | " | " | Home from India | 5 |
| Kempe, E. A. | Golden Gate | 899 | J. Lyne, Liverpool | San Francisco | 8 |
| Kerr, Alexander | Ardgowan | 1,283 | G. Adam, Greenock | Bombay | 8 |
| Latham, Frederick | Sumatra | 774 | T. & R. Brocklebank, Liverpool | Calcutta | 8 |
| [16] Lindsay, Lord | Stm. Yt. Venus | 191 | Lord Lindsay, London | Mauritius | 7 |
| Longley, Henry | S.S. Yorkshire | 1,771 | W. Tindall, London | Calcutta, viâ Suez | 3 |
| [17] Louttit, Alexander | Rodney | 1,447 | J. Devitt, London | To Melbourne | 3 |
| Lunham, R. D. | S.S. Charles Howard | 1,021 | J. Ryde, London | Monte Video | 3 |
| Mackay, J. R. | S.S. Australia | 1,384 | J. Henderson, Glasgow | Halifax, N.S. | 1 |
| McKechnie, D. F. | Cottica | 319 | A. Pearson, Glasgow | Surinam | 3 |
| [18] Malcolm, G. J., R.N. | Briton | 1,870 | H.M.S. | Aden to Zanzibar | 22 days. |
| Maples, Charles | Riversdale | 1,430 | J. MacIntyre, Liverpool | Calcutta | 9 |
| [19] Marshall, J. N. | Cambridgeshire | | | Melbourne | 5 |
| Martyn, J. A. | S.S. Cuba | 845 | C. McIver, Liverpool | New York, five voyages | 4 |
| Miller, A. J. | Camperdown | 1,209 | W. H. De Wolf, Liverpool | To Callao and from Lotus Island | 6 |
| Mouland, J. E. | Batavia | 2,553 | J. Burns, Glasgow | Boston, seven voyages; New York, three voyages. | 7 |
| " " | S.S. Calabria | 1,730 | C. McIver, Liverpool | New York | 20 days. |

| Captain's Name. | Ship. | Tons. | Owners. | Voyage. | Months of Register. |
|---|---|---|---|---|---|
| [20] Nares, G. S., R.N. | Challenger | 2,306 | H.M.S. | Kerguelen Island, to Melbourne, New Zealand, Fiji Island, Arroo Island, and Hong Kong. | 10 |
| Owen, John | W. G. Russell | 1,248 | J. Thomas, Liverpool | Aden, Rangoon, Akyab, and home | 10 |
| Owen, Robert | Albertine | 1,523 | R. Avery, N. Shields | Rangoon | 8 |
| [21] Parish, J.E., R.N. | Princess Charlotte | 4,122 | H.M.S. | Off Hong Kong | 6 |
| Pearson, C. W. | S.S. Strathclyde | 1,951 | Burrell & McLaren, Glasgow | Bombay, viâ Suez, three voyages | 9 |
| Potts, T. C. | Tenasserim | 1,419 | T. & R. Brocklebank, Liverpool | Calcutta | 6 |
| Prehn, C. C. | Eleanor | 428 | J. J. Holdsworth, Minories | Bussorah, Algoa Bay, and home | 10 |
| Price, J. J. | Sorata | 332 | C. C. Dawson, London | Jamaica | 3 |
| Renaut, C. H. | Crusader | 991 | Mrs. Bowes, Kent | Canterbury, New Zealand, and home | 6 |
| [22] Ryder, H. C. G., R.N. | Vigilant | 985 | H.M.S. | From Gibraltar to Trincomalee, viâ Suez | 2 |
| [23] St. John, H. C., R.N. | Sylvia | 877 | H.M.S. | China and Japan, viâ Suez | 11 |
| Shaw, Gilbert | S.S. Beta | 677 | W. Cunard, South Kensington | Eight voyages between Halifax and St. Thomas, viâ Bermuda. | 5 |
| Simpson, Alexander | Traveller | 195 | A. Simpson | Three voyages to and from Ivigtut, and three voyages to and from Copenhagen. | 12 |
| [24] Smith, J. H., R.N.R. | Worcester | | Training Ship | Off Greenhithe | 3 |
| Smith, W. H., R.N.R. | S.S. Scandinavian | 1,811 | Allan Brothers, Glasgow | Quebec, four voyages; Baltimore, two voyages; Portland, three voyages. | 8 |
| [25] Soady, J. C., R.N. | Invincible | 6,034 | H.M.S. | English Channel and Mediterranean | 3 |
| Stuart, G. R. | Oamaru | 1,306 | Albion Shipping Co., Glasgow | Otago, N. Z. | 6 |
| Sutherland, J. T. | Glenesk | 191 | J. Warrack, Leith | River Plate | 7 |
| Symington, William | S.S. Hankow | 2,331 | E. H. Watts, London | Hankow, viâ Suez | 5 |
| " " | " | " | " " | Madras and Calcutta, viâ Suez | 3 |

LIST OF DOCUMENTS, &c.—*continued.*

| Captain's Name. | Ship. | Tons. | Owners. | Voyage. | Months of Register. |
|---|---|---|---|---|---|
| Trench, C. Le Poer | Newcastle | 1,137 | H. Green, Blackwall | Melbourne | 7 |
| " " | " | " | " " | Australia | 4 |
| [26] Unknown | Illimani | 2,579 | Pacific Steam Navigation Co., London. | To Rio Janeiro, Monte Video, and Valparaiso. | 37 days |
| Wadham, T. L. | The Murray | 903 | Anderson & Co., London | Adelaide | 7 |
| Warden, William | S.S. Alpha | 514 | W. Cunard, Halifax, N.S. | Three voyages between Halifax and St. Thomas, viâ Bermuda. | 5 |
| Watson, William | S.S. Parthia | 2,035 | C. McIver, Liverpool | New York, three voyages; Boston, six voyages. | 7 |
| [27] Wharton, W. J. L., R.N. | Shearwater | 913 | H.M.S. | At Zanzibar, Cape of Good Hope, Mauritius, Rodriguez Island, East Coast of Africa, and home, viâ Suez. | 25 |
| " " | " | " | " | Surveying in Bosphorous and Dardanelles. | 4 |
| Wherland, Frederick, R.N.R. | Galatea | 1,447 | Norwood & Co., Liverpool | Port Philip, San Francisco, and home | 9 |
| Wight, H. P. | Dunalistair | 1,686 | W. Crondace, Dundee | Calcutta | 8 |
| Wilcox, H. G., R.N.R. | S.S. Glenfinlas | 1,366 | J. McGregor, London | China, viâ Suez | 4 |
| [23] Williams, Edmund | Merope | 1,054 | W. Saville, London | Lyttleton | 6 |

In cases distinguished by marginal numbers the Meteorological Registers were kept chiefly by officers, as follows:—

[1] Assisted by T. Robertson and A. Fisher.
[2 18 25] Kept by T. J. Haran, R.N., Staff-Surgeon.
[3] Kept by R. Ladd, 2nd Officer.
[4 26] Kept by Officers of Transit of Venus party, under the direction of Captain G. L. Tupman.
[5] Assisted by R. W. Harvey, 1st Officer, and R. L. Webster, 2nd Officer.
[6] Kept by the Boys.
[7] Kept by H. Hosken, Navigating Lieutenant.
[8 13] Kept by H. Pearde, Surgeon.
[9] Kept by Sydney A. Holt, F.R.G.S., Lieutenant.
[10] Kept by ditto, and G. N. A. Pollard, F.R.G.S., Lieutenant.
[11] Kept by G. N. A. Pollard, F.R.G.S., Lieutenant.
[12] Kept by R. Jones, Mate.
[14 15] Kept by R. Jackson, Navigating Lieutenant.
[16] Kept by Dr. R. Copeland.
[17] Kept by F. W. Allen, 2nd Officer.
[19] Kept by J. Gaster, Chief Officer.
[20] Kept by T. H. Tizard, Staff Commander, and A. Havergal, Navigating Lieutenant.
[21] Kept by T. W. Webster, Navigating Lieutenant.
[22] Kept by G. W. Balliston, Navigating Lieutenant.
[23] Kept by F. S. Wheeler, Navigating Sub-Lieutenant.
[24] Kept by the Boys, under the superintendence of Rev. W. T. Read, M.A.
[27] Kept by T. F. Pullen and C. V. Smith, Sub-Lieutenants.
[28] Kept by Major Palmer, R.E., and Corporal Sharp, R.E.

## APPENDIX IV.

### Contents of the Principal Publications issued up to December 31st, 1875.

*Continued from Report for* 1874.

Official No.

24. Instructions in the Use of Meteorological Instruments. 1875. 8vo., pp. 118.

This work has been prepared to replace in some way Sir H. James' Instructions, which are now out of print. The first portion of the book, referring to the Barometer, is nearly a reprint of the *Board of Trade Barometer Manual* (1871) but somewhat rearranged. The latter part contains descriptions of all the various instruments in use, with remarks on Weather Observations, &c The appendices contain some of the most useful tables for meteorological reductions, some of which have been specially calculated.

25. Quarterly Weather Report for 1874. (In the press.)

27. Charts of Meteorological Data for the Nine 10° Squares of the Atlantic which lie between 20° N. and 10° S. and extend from 10° to 40° W., with accompanying remarks. (In the press.)

A summary of this paper has appeared (Non-Official No. 10) under the title "Physical Geography of the Atlantic," being a paper read by Captain H. Toynbee, Marine Superintendent, Meteorological Office, before the British Association at Bristol in August 1875, and it shows the best routes across the Equator in each month of the year, with discussions of the pressure, temperature, winds, &c. for the district included in the above limits, with charts for each month.

28. Meteorology of Japan. (In the press.)

30. Quarterly Weather Report for 1875. (In the press.)

## APPENDIX V.

### Instruments supplied, &c. to the Royal Navy.

| Per Account. | Barometers. | Aneroids. | Thermometers. | | | Hydrometers. |
|---|---|---|---|---|---|---|
| | | | Ordinary. | Max. | Min. | |
| January 1st, 1875, afloat | 191 | 391 | 961 | 36 | 64 | 147 |
| Issued in 1875 | 60 | 85 | 345 | 45 | 45 | 44 |
| | 251 | 476 | 1,306 | 81 | 109 | 191 |
| Returned in 1875 | 60 | 90 | 266 | 38 | 31 | 39 |
| January 1st, 1876, afloat | 191 | 386 | 1,040 | 43 | 78 | 152 |

### Instruments supplied, &c. for use at Naval Stations.

| | | | | | | |
|---|---|---|---|---|---|---|
| January 1st, 1875, in use | 57 | 93 | 113 | 30 | 27 | 28 |
| Issued in 1875 | 5 | 6 | 10 | 6 | 7 | — |
| | 62 | 99 | 123 | 36 | 34 | 28 |
| Returned in 1875 | 14 | 13 | 50 | 19 | 20 | 11 |
| January 1st, 1876, afloat | 48 | 86 | 73 | 17 | 14 | 17 |

### Disposition of Admiralty Instruments on January 1st, 1876.

| | | | | | | |
|---|---|---|---|---|---|---|
| Afloat in Royal Navy | 191 | 386 | 1,040 | 43 | 78 | 152 |
| In use at stations | 48 | 86 | 73 | 17 | 14 | 17 |
| In store at M.O. | 115 | 53 | 185 | 29 | 22 | 70 |
| ,, Chatham | 1 | 7 | 12 | 2 | 2 | 12 |
| ,, Sheerness | 11 | 14 | 13 | 5 | 9 | 19 |
| ,, Portsmouth | 2 | 3 | 5 | 1 | — | 19 |
| ,, Devonport | 9 | 16 | 32 | 5 | 5 | 18 |
| ,, Queenstown | 1 | 3 | 4 | 1 | 1 | 8 |
| ,, Gibraltar | 1 | 2 | — | — | — | 4 |
| ,, Malta | 1 | 10 | 31 | 2 | 1 | 32 |
| ,, Halifax | 3 | 5 | 5 | 5 | 6 | 13 |
| ,, Bermuda | 5 | 10 | 13 | 3 | 3 | 16 |
| ,, Jamaica | 4 | 5 | 19 | 2 | 3 | 8 |
| ,, Cape of Good Hope | 2 | 6 | 17 | — | — | 31 |
| ,, Trincomalee | 1 | 1 | 3 | — | — | — |
| ,, Hong Kong | 12 | 18 | 42 | 4 | 5 | 21 |
| ,, Coquimbo | 2 | 1 | 1 | 1 | — | 23 |
| ,, Sydney | — | — | — | — | — | — |
| Under repair | 34 | 23 | — | — | — | — |
| Total, January 1st 1876 | 443 | 649 | 1,495 | 120 | 149 | 463 |
| Destroyed and lost during 1875 | — | 2 | 224 | 22 | 16 | 8 |

In addition to the instruments specified above, the Office has a considerable number of miscellaneous instruments on the Admiralty account which have been obtained for special investigations. Among these may be counted about 50 thermometer screens.

## APPENDIX VI.

### Instruments, &c. supplied to Mercantile Marine.

| Per Account. | Barometers. | Compasses. | Thermometers. | | | Hydrometers. |
|---|---|---|---|---|---|---|
| | | | Ordinary. | Max. | Min. | |
| January 1st, 1875, afloat - | 83 | 1 | 483 | — | — | 313 |
| Issued in 1875 - - | 78 | — | 481 | — | 1 | 312 |
| | 161 | 1 | 964 | — | 1 | 625 |
| Returned in 1875 - | 68 | — | 409 | — | 1 | 255 |
| January 1st, 1876, afloat - | 93 | 1 | 555 | — | — | 370 |

### Instruments at Stations, viz., Telegraph Offices, Observatories, Navigation Schools, Lightships, &c.

| | | | | | | |
|---|---|---|---|---|---|---|
| January 1st, 1875, in use | 98 | 3 | 253 | 49 | 54 | 54 |
| Issued in 1875 - - | 9 | — | 32 | 5 | 4 | 10 |
| | 107 | 3 | 285 | 54 | 58 | 64 |
| Returned in 1875 - | 9 | — | 39 | 8 | 9 | 14 |
| January 1st, 1876, in use | 98 | 3 | 246 | 46 | 49 | 50 |

### Disposition of Board of Trade Instruments, on Jan. 1st, 1876.

| | | | | | | |
|---|---|---|---|---|---|---|
| In merchant ships - | 93 | 1 | 555 | — | — | 370 |
| In use at stations - | 98 | 3 | 246 | 46 | 49 | 50 |
| In store at M.O. - - | 22 | 45 | 40 | 12 | 11 | 27 |
| At Liverpool agency - | 2 | 8 | 30 | — | — | 10 |
| „ Aberdeen „ - | 8 | — | 36 | — | — | 28 |
| „ Glasgow „ - | 4 | — | 26 | — | — | 16 |
| „ Dundee „ - | 1 | — | 10 | — | — | 7 |
| „ Hull „ - | 2 | — | 12 | — | — | 8 |
| Under repair - - | 4 | — | — | — | — | — |
| Total, Jan. 1st, 1876 | 233 | 57 | 955 | 58 | 60 | 516 |
| Lost, &c. during 1875 | 52 | — | 200 | 34 | 40 | 53 |

As in the case of the Admiralty instruments, the Office possesses a considerable stock of miscellaneous instruments for special investigations. The most important of these are 137 Fishery Barometers and upwards of 200 thermometer screens.

## APPENDIX VII.

List of Stations reporting Meteorological Observations by Telegraph to the Office, with the Observers.

| | | |
|---|---|---|
| Sumburgh Head | Rev. W. Brand | Minister. |
| Stornoway | J. Smith | Gardener. |
| *Thurso | J. Trotter | |
| Wick | J. Sinclair | Watchmaker. |
| Nairn | W. D. Penny | Schoolmaster. |
| Aberdeen | J. McCormack | Telegraph Clerk. |
| Leith | J. Turnbull | Do. |
| Shields | J. Irvine | Do. |
| *Scarborough | F. Shaw, F.M.S. | Do. |
| York | C. Wakefield | Curator of Museum. |
| Nottingham | E. J. Lowe, F.R.S. | Highfield Ho. Observatory. |
| Ardrossan | W. McNeil | Telegraph Clerk. |
| *Greencastle(Moville) | J. Lowry | Schoolmaster. |
| Donaghadee | J. MacGowan, jr. | Telegraph Clerk. |
| Kingstown | G. Mitchell | Keeper of Sailors' Home. |
| *Holyhead | J. Tilston | Do. |
| Liverpool | J. Hartnup, junr. | Bidston Observatory. |
| *Valencia | E. O'Sullivan | Telegraph Clerk. |
| Roche's Point | W. Kennedy | Do. |
| Pembroke | J. C. Walker | Do. |
| Portishead | W. Sandford | Station master. |
| *Scilly | W. Thomas | Signalman. |
| Plymouth | J. Merrifield, LL.D., F.R.A.S. | Teacher of Navigation. |
| Hurst Castle | R. T. Jobbins | Telegraph Clerk. |
| Dover | J. Costello | Telegraph Clerk. |
| *London | F. Gaster, F.M.S. | |
| Oxford | J. Lucas | Radcliffe Observatory. |
| Cambridge | H. Todd | Observatory. |
| Yarmouth | G. T. Watson | Secretary, Sailors' Home. |

Summary:

| | |
|---|---|
| England and Wales | 16 |
| Scotland | 8 |
| Ireland | 5 |

Those marked with an asterisk, report twice daily. The office also receives daily reports from 22 places on the Continent, and is organizing an interchange with Germany which will probably add several other stations to the list.

## APPENDIX VIII.

LIST of PERSONS, PLACES, &c. to which the Daily Weather Report has been supplied, free of cost, to 31st December.

*Newspapers:*

Daily News.
Echo.
Express.
Globe.
Hour.
Lloyds' Shipping List.
Mark Lane Express.
Morning Advertiser.
Observer.
Pall Mall Gazette.
Shipping and Mercantile Gazette (with special daily chart).
Standard (Morning and Evening).
Times (1st and 2nd editions).*

*For Exhibition at following Seaports:*

Banff.
Barrow-in-Furness.
Belfast.
Blackpool.
Boscastle.
Bournemouth.
Broughty Ferry.
Buckie.
Budehaven.
Carnarvon.
Cowes.
Cromer.
Cullercoats.
Deptford Yard.
Dover.
Exeter (2 copies).
Falmouth.
Great Grimsby.
Hastings.
Hayle.
Holyhead.
Hull.
Kingstown.
Lancaster.
Nairn.
Newquay.
Plymouth.
,, G. W. Docks.
Port Dinorwic.
Porthcawl.
Portland.
St. Ann's Head.
Scarboro'.
Silloth.
Teignmouth.
Thurso.
Ventnor.
Weston-super-Mare.
Wick.
Yarmouth.

*In exchange for Observations, &c.:*

Aird, G. H., Seaham.
Barnstaple Meteorological Committee.
Cambridge Observatory.

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* The new arrangements with the "Times," in virtue of which special charts for 6 p.m. are supplied to that paper, commenced January 1st, 1876.

*In exchange for Observations, &c.—cont.:*

Clouston, Rev. C., Sandwick, Orkney.
Cooper, Col., F.R.A.S., Markree, nr. Sligo.
Cooper, W. F., F.M.S., Sheffield.
Crossley, L. J., Halifax.
Durham University Observatory.
Fernley Observatory, Southport.
Greenwich Observatory.
Griffith, Rev. C., F.M.S., Strathfield Turgiss.
Hoskins, Dr. S. E., F.R.S., Guernsey.
Indian C.E. College, Staines.
Jersey, Submarine Telegraph Company.
Jobbins, R. T., Hurst Castle.
Kingston, G. T., M.A., Toronto.
Liverpool Observatory.
Lowe, E. J., F.R.S., Nottingham.
Mackay, Rev. W. P., D.D., Hull.
Miller, S. H., F.R.A.S., Wisbech.
Moore, Dr. J. W., Dublin.
Moyle, M. P., F.R.C.S., Helston.
Murray, A. E., F.M.S., Hastings.
Northumberland, Duke of, Alnwick.
Quinton, J., Jr., Norwich.
Radcliffe Observatory, Oxford.
Richards, W. H., Penzance.
Robinson, Rev. W. P., Glenalmond.
Rosse, Earl of, F.R.S., Parsonstown.
Royal Horticultural Society.
Rugby Natural History Society.
Stewart, Dr. Balfour, F.R.S., Manchester.
Stow, Rev. F. W., F.M.S., Aysgarth, Yorkshire.
Sutherland, A., Carrickfergus.
Style, Rev. G. J., Giggleswick, near Settle.
Walker, J. C., St. Ann's Head.
Whitty, Rev. S., Oscott.
Yorkshire Philosophical Society.

*Government Offices, Societies, &c.:*

The Queen.
The Principal Government Offices: 50 copies.
"Achilles," H.M.S., Portland.
Association of Underwriters, Liverpool.
Do. Lloyd's.
"Britannia," H.M.S., Dartmouth.
British Museum.
Calcutta, Meteorological Committee.
Devonport Dockyard, 3 copies.
„ Commander-in-Chief.
Greenwich, R.N. College.
Ireland, Lord Lieutenant.
„ Geological Survey.
Meteorological Society, London.
"Nankin," H.M.S., Milford Haven.

*Government Offices, Societies, &c.—cont. :*

Patent Office.
Pembroke, Captain Superintendent.
Portsmouth, Commander-in-Chief.
Reuter's Telegram Company.
Royal Artillery Institution.
Royal Military Academy.
Royal Society.
Royal United Service Institution.
Scottish Meteorological Society.
Sheerness Dockyard.
" Squirrel," H.M.S., Devonport.
Staff College.
United Service Institution.

*Foreign Places :*

Algiers, Meteorological Service.
Christiania, Meteorological Institute.
Constantinople, Imperial Meteorological Observatory.
Copenhagen, Meteorological Institute.
Emden, Dr. Prestel.
Hamburg, German Ocean Observatory.
Lisbon, Observatory.
Madrid, Royal Observatory.
Paris, Meteorological Observatory, Montsouris.
„ Meteorological Society.
„ Ministry of Marine.
„ Observatory.
„ M. Harold Tarry.
Rome, Ministry of Agriculture.
St. Petersburg, Central Physical Observatory.
Stockholm, Meteorological Institute.
Upsala, University Observatory.
Utrecht, Royal Meteorological Institute.
Vienna, Imperial Meteorological Institute.
Washington, Smithsonian Institution.
„ United States Naval Observatory.
„ Chief Signal Officer, War Office.

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## APPENDIX IX.

### Telegraphic Weather Intelligence.

The following stations, having been approved by the Board of Trade, are supplied with telegraphic information of storms free of expense, and "drum" and "cone" signal shapes have been furnished to most of them, all further expenses attendant on the maintenance and repair of

the apparatus being borne locally. The stations are situated, 79 in England and Wales, 32 in Scotland, 13 in Ireland, 3 in the Isle of Man, and 3 in the Channel Islands.

| NORTH. | WEST. | SOUTH. | EAST. |
|---|---|---|---|
| Scotland. East Coast. | England, N.W. | England, S.W. | England, E. |
| Kirkwall. | Silloth. | Ilfracombe. | Tynemouth. |
| Inverness. | Maryport. | Barnstaple. | S. Shields. |
| Nairn. | Workington. | Port Isaac. | Sunderland. |
| Burghead. | Whitehaven. | Boscastle. | Middlesborough. |
| Lossiemouth. | Ramsey. | Newquay. | Redcar. |
| Buckie. | Douglas. | Hayle. | Whitby. |
| Portsoy. | Castletown. | Pendennis. | Filey. |
| Banff. | Barrow. | Scilly. | Withernsea. |
| Fraserburgh. | Morecambe. | Penzance. | Hull. |
| Peterhead. | Fleetwood. | Falmouth. | Goole. |
| Aberdeen. | Blackpool. | Plymouth, four stations. | Grimsby. |
| Stonehaven. | Lytham. | Teignmouth. | Boston. |
| Montrose. | Runcorn. | Exeter. | Sutton Bridge. |
| Broughty Ferry. | Southport. | Exmouth. | Lynn. |
| St. Andrews. | Liverpool. | | Cromer. |
| Dundee. | Queensferry. | England, S. | England, S.E. |
| Anstruther. | Hawarden. | Guernsey. | Yarmouth. |
| St. Monance. | Mostyn. | St. Helier, Jersey. | Southwold. |
| Burntisland. | England, W. | Gorey, Jersey. | Ipswich. |
| Alloa. | Bangor. | Weymouth. | Harwich. |
| Grangemouth. | Port Penrhyn. | Poole. | Chatham. |
| Bo'ness. | Holyhead. | Cowes. | Sheerness. |
| Granton. | Carnarvon. | Ventnor. | Faversham. |
| Leith. | Port Dinorwic. | Portsmouth. | |
| Fisherrow. | Aberystwith. | Littlehampton. | |
| Dunbar. | Milford. | Brighton. | |
| Eyemouth. | Pembrey. | Newhaven. | |
| | Llanelly. | Hastings. | |
| | Swansea. | Rye. | |
| | Briton Ferry. | Dover. | |
| | Porthcawl. | | |
| | Penarth. | | |
| | Cardiff. | | |
| | Newport. | | |
| | Weston-super-Mare. | | |
| Firth of Clyde. | Burnham. | | |
| Glasgow. | | | |
| Greenock. | Ireland, E. | | |
| Rothesay. | Belfast. | | |
| Campbeltown. | Howth. | | |
| Girvan. | Kingstown. | | |
| | Ireland, S. and W. | | |
| | New Ross. | | |
| | Dunmore, East. | | |
| | Dungarvan. | | |
| | Youghal. | | |
| | Queenstown. | | |
| | Passage. | | |
| | Cork. | | |
| | Tralee. | | |
| | Limerick. | | |
| | Galway. | | |

*Circular No.* 717.

TELEGRAPHIC WEATHER INTELLIGENCE.

Board of Trade, February 14th, 1874.

THE Board of Trade have been informed by the Meteorological Committee that they are now prepared to re-introduce the use of Admiral FitzRoy's signals (cones and drum) with slightly modified significations, and that the change will take effect on and after 15th March 1874.

The signals to be used will consist of:—

1°. Cone, point downwards for Southerly gales; S.E. round by S. to N.W.

2°. Cone, point upwards for Northerly gales; N.W. round by N. to S.E.

3°. Drum, *with cone*, to indicate the probable approach of a *very heavy gale* from the direction indicated by the cone.

The drum will not be used without the cone.

The signals are to be kept hoisted *during the daylight only*, until 48 hours have elapsed from the time *the telegram was despatched*, unless countermanded. At night, lanterns may be used wherever the local authorities deem it desirable to do so, as pointed out in the explanatory pamphlet* sent herewith, copies of which are supplied for gratuitous distribution.

It will be seen from the pamphlet in question that the meaning of the signals is that an atmospherical disturbance exists (which will be explained in the telegram), and will probably, but not *necessarily*, cause a gale at the place warned, *from the direction* indicated by the signal.

The Meteorological Office will supply the canvas shapes and lanterns to such places as require them, on loan, but in all cases the local authorities must undertake the charges incidental to the hoisting of the signal, such as flagstaff and gear, oil, &c., and also to the keeping of the apparatus in repair, painting, &c., as directed by the Circular No. 278, dated 30th November 1867.

THOMAS GRAY.

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## APPENDIX X.

LIST of STATIONS from which DAILY SYNCHRONOUS OBSERVATIONS (at 0h. 43m. p.m. G. M. T.) have been received.

| Stations. | Observers. | Remarks. |
|---|---|---|
| **ENGLAND AND WALES.** | | |
| Bradford - - | J. McLandsborough | — |
| Cambridge - - | H. Todd. | — |
| Cardington - - | J. McLaren. | — |
| Carlisle - - - | J. Bell, for J. Cartmell. | — |

* The "explanatory pamphlet" referred to is a circular entitled "Telegraphic Weather Intelligence," printed in large type on four pages, so as to be posted up on a board.

| Stations. | Observers. | Remarks. |
|---|---|---|
| Chatham, School of Military Engineering. | J. Conroy. | — |
| Dartmoor - - | R. E. Power, L.R.C.P. | — |
| Dover - - - | J. Costello. | — |
| Durham Observatory - | J. Plummer, M.A. - | Ceased 31st March 1875. |
| Eccles - - - | T. Mackereth. | — |
| Falmouth Observatory - | The Staff. | — |
| Gloucester County Asylum | E. Toller - - | Ceased 31st Jan. 1875. |
| Greenwich Observatory - | The Staff, for Sir G.B.Airy. | — |
| Guernsey - - | Dr. Hoskins, F.R.S. | — |
| Halifax, Moorside - | L. J. Crossley. | — |
| Helston - - - | Dr. Moyle. | — |
| Holyhead - - - | J. Tilston. | — |
| Jersey (St. Helier's) - | A. P. Amy. | — |
| Kew Observatory - | The Staff. | — |
| Leicester (Museum) - | W. J. Harrison. | — |
| Liverpool Observatory (Bidston). | J. Hartnup, Jun. | — |
| Llandudno - - | J. Nicol, M.D. - - | Ceased 31st May 1875. |
| Nottingham - - | E. J. Lowe, F.R.S. | — |
| Oscott (St. Mary's Col.) | Rev. S. Whitty. | — |
| Oxford, Radcliffe Obs. - | J. Lucas, for Rev. R. Main, F.R.S. | — |
| Plymouth - - | J. Merrifield, LL.D., F.R.A.S. | — |
| Scarborough - - | F. Shaw, F.M.S. | — |
| Sheffield - - - | W. F. Cooper, F.M.S. | — |
| Shields (North) - - | J. Irvine - - | Ceased 15th July 1875. |
| Silloth - - - | Rev. F. Redford, M.A., F.R.S.E. | — |
| Somerleyton - - | Rev. J. Steward, M.A. - | Ceased 15th July 1875. |
| St. Ann's Head (Milford Haven). | J. C. Walker. | — |
| Stonyhurst Observatory - | The Staff. | — |
| Strathfield Turgiss - | Rev. C. H. Griffith, M.A. | — |
| Streatley - - - | Rev. J. Slatter - - | Irregular. |
| Truro (Royal Institution) | W. Newcombe. | — |
| Wisbeach - - | S. H. Miller, F.M.S. - | Ceased 31st Jan. 1875. |
| Worthing - - - | W. J. Harris, F.M.S. - | Ceased 15th June 1875. |
| Yarmouth (Norfolk) - | G. T. Watson. | — |
| **SCOTLAND.** | | |
| Aberdeen Observatory - | The Staff. | — |
| Annanhill - - | W. H. Dunlop - - | Ceased 16th Jan. 1875. |
| Ardrossan - - | W. McNeil. | — |
| Glasgow Observatory - | The Staff. | — |
| Nairn - - - | W. D. Penny. | — |
| Orkneys, Sandwick - | Rev. C. Clouston, LL.D. | — |
| Stornoway - | J. Smith. | — |
| Sumburgh Head - - | W. Lawrence - - | Ceased 30th April 1875. |
| Thurso - - - | J. Trotter. | — |
| **IRELAND.** | | |
| Armagh Observatory - | S. Call for Dr. Robinson. | — |
| Donaghadee - - | J. McGowan. | — |
| Galway, Queen's College | B. G. Clare, for Professor Curtis. | — |
| Kingstown - - | G. Mitchell. | — |
| Parsonstown - - | J. Dreyer for Lord Rosse. | — |
| Roche's Point - - | W. Kennedy. | — |
| Valencia Observatory - | The Staff. | — |

| Stations. | Observers. | Remarks. |
|---|---|---|
| **British Colonies, Possessions, &c.** | | |
| Barbadoes - - | T. H. Hunt, A.H.C.* - | From 16th March 1875. |
| Cape of Good Hope - | Sergt. D. E. Hunt, A.H.C. | Ceased 31st July 1875. |
| Colombo - - | Sergeant. W. F. Hopkins, A.H.C. - | „ „ |
| Gibraltar - - | S. Sergeant J. Brewster, A.H.C. | — |
| Halifax, N.S. - - | Corporal J. Thompson., A.H.C. | Ceased 31st May 1875. |
| Malta - - - | Priv. E. Dowling, A.H.C. | — |
| Nassau (Bahamas) - | Surgeon-Maj. J. Jamieson, M.D. | — |
| Natal - - - | Priv. G. Salmon, A.H.C. | - - |
| Scutari, British Cemetery | Serg. W. H. Lyne, R.E. | — |
| Sierra Leone - - | Surgeon A. Johnston. | — |

**Summary.**

| — | — | — |
|---|---|---|
| England and Wales - | 38 | |
| Scotland - - - | 9 | |
| Ireland - - - | 7 | |
| Colonies and British Possessions - - | 10 | |
| Total - | 64 | |

* A.H.C.—Army Hospital Corps.

## APPENDIX XI.

### Fishery Barometers.

### List of Places supplied with Fishery Barometers.

Those supplied during the years 1867–75 are distinguished by an asterisk.

*Shetland Isles.*—Sandsair, Lerwick.

*Orkney Isles.*—Burray. Kirkwall.*

*Scotland, east coast.*—Stroma, Staxigoe, Wick, Sarclet, Lybster, Dunbeath,* Portmahomack, Cromarty, Avoch, Nairn, Burghead, Portessie, Port Knockie, Portsoy,* Whitehills, Gardenstown, Rosehearty, Pitullie, Inverallochy,* Findon, Portlethen, Stonehaven,* Arbroath, Broughty Ferry, St. Andrews, Crail, Cellardyke, St. Monance,* Burntisland, Newhaven.

*England, east coast.*—Berwick, Beadnell, North Shields, South Shields, West Hartlepool, Staithes, Scarborough, Filey, Flamborough, Bridlington Quay, Withernsea, Hull, Lynn, Wells, Gorleston, Harwich,* Brightlingsea,* Wivenhoe,* Margate, Deal, Kingsdown, Dover.

*England, south coast.*—Bognor,* Portsea, Ryde and Ventnor* (2) (Isle of Wight), Gorey (Jersey), Haslar Hospital,* Poole, Weymouth, Portland, Budleigh-Salterton, Cawsand, Mevagissey, Gorranhaven, Devoran, Portscath,* Penryn, Falmouth, Newlyn, Mousehole.

*England, south-west coast.*—St. Ives, Hayle, Port Isaac, Boscastle,* Fremington, Burnham, Highbridge.

*Wales.*—Briton Ferry,* Swansea, Angle,* Milford, Abersoch.*

*England, north-west coast.*—Fleetwood, Morecambe, Maryport.

*Isle of Man.*—Port St. Mary,* Peel.

*Scotland, south-west coast.*—Port Patrick,* Stranraer.

*Ireland, east coast.*—Cushendall,* Belfast, Bangor, Strangford, Ardglass, Carlingford,* Greenore,* Dundalk, Malahide,* Howth, Kingstown, (2).

*Ireland, south coast.*—Dungarvan, Kinsale,* Crookhaven.*

*Ireland, west coast.*—Valencia, Dingle, Tralee, Ballina,* Tribane,* Killybegs,* Teelin,* Burton Port, Bunbeg.

*Ireland, north coast.*—Dunfanaghy, Rathmullen, Buncrana,* Greencastle,* Portrush.*

*Scotland, west coast.*—Campbeltown,* Portree (Isle of Skye), Plockton.

*Hebrides*, Stornoway, Cromore, Babyle, Obb, Ness.

#### Summary of Instruments on Service.

| | |
|---|---|
| England and Wales | 59 |
| Scotland | 44 |
| Ireland | 29 |
| | 132 |

## APPENDIX XII.

### Donations received during the Year 1875.

Presented by Societies, Institutions, &c.

| | | |
|---|---|---|
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| | | Note sur les nivellements barométriques. By Captain H. Brocard. |
| Berlin - - | K. Hydrographisches Bureau. | Hydrographische Mittheilungen. III. Jahrgang. Nos. 1–6. |
| | " " | Nachrichten für Seefahrer, V. Jahrgang. No. 52. VI. Jahrgang. |
| | " " | Anleitung zu wissenschaftlichen Beobachtungen auf Reisen. By Dr. G. Neumayer. See also Hamburg. |
| | K. Statistisches Bureau - | Preussische Statistik. No. 32: Klimatologie von Deutschland, 1848–1872. Nos. 33 and 34: Monthly means of Pressure, Temperature, &c. for 1873–4. By H. W. Dove, F.R.S. (See also Dove.) |
| Bombay - - | Colaba Observatory - | Report for year ending 30th June 1875. By. C. Chambers, F.R.S. |
| Brussels - | Observatoire Royal - | Annales, 1874–5. 1876, pp. 1–32. |
| | " - | Note sur la température de l'hiver 1874–5. Quelques nombres caractéristiques relatifs à la température de Bruxelles. |
| | " | La direction de l'aiguille aimantée à Bruxelles en 1875. Etoiles filantes; les Perséides en 1875. La tempête du 12 Mars 1876. Eléments climatologiques de la ville de Bruxelles pendant la période décennale 1864-75. Notice sur l'observatoire. Sur la période de froid du mois de Décembre 1875. By M. E. Quetelet. |
| Calcutta - - | Meteorological Office - | Meteorological Report for 1874. |
| | " - | Abstract of Observations, Sept. 1874 to July 1875. |
| | " - | Weekly Report of Rainfall, Nov. 1874 to Octr. 1875. |
| | " - | Telegraphic Reports, Nov. 1874 to Octr. 1875. |
| | " - | Report of the Midnapore and Burdwan cyclone of the 15th and 16th Octr. 1874, by W. G. Willson. |
| | " - | Administration Report, 1874-5. |
| | " - | On some evidence of the variation of the sun's heat. By H. F. Blanford. |
| | Surveyor General's Office | Abstracts of the Results of Hourly Observations, Oct. 1874 to Aug. 1875. By Col. Thuillier, F.R.S. |
| Carlsruhe - | Meteorologische Central-Station. | Beobachtungen der badischen Stationen, Oct. 1874 to Oct. 1875. Berichte, 1874. By Dr. F. Sohncke. |

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| | " " | Oversigt over Veirforholdene i Norge, 1874. By Professor H. Mohn. |
| Colombo (Ceylon). | Surveyor General's Office | Monthly Results of Meteorological Observations, Octr. 1874 to Septr. 1875. Rainfall returns, 1874. Meteorological observations in Ceylon, 1870–74, and in Colombo 1874. By Lt.-Col. A. B. Fyers, R.E. |
| Copenhagen - | Danske Meteorologiske Institut. | Bulletin Météorologique du Nord, 1875. |
| | " " | Weather charts, Dec. 1874 to Dec. 1875. Maaneds-oversigt over Veirforholdene, Feb. to Oct. 1875. Meteorologisk Aarbog, 1873, pp. 109-116. By Capt. H. Hoffmeyer. |
| | K. Danske Videnskabernes Selskab. | Forhandlinger, No. 23, 1874, No. 1, 1875. |
| | " " | Tables Météorologiques 1874, by Prof. C. Holten. By Prof. J. Steenstrup. |
| Cork - - | Royal Institution - - | Meteorological observations, 1874. |
| Cracow - - | K. K. Sternwarte - - | Meteorologische Beobachtungen, November 1874 to October 1875. |
| | " - - | Materyaly do Klimatografii Galicyi. Rok, 1874. By Dr. F. Karlinski. |
| Dublin - - | Commissioners of National Education. | Report, 1873. |
| Edinburgh - | Royal Society - - | Proceedings, Session 1873–4. |
| | Scottish Meteorological Society. | Journal, Nos. 43–46. |
| Falmouth - | R. Cornwall Polytechnic Society. | Report, 1872. |
| Fiume - - | I. R. Academia di Marina | Meteorological Observations, Sept. 1874 to Sept. 1875. |
| | " " | Results 1874. |
| Frankfort o M. | Physikalisches Verein - | Jahresbericht, 1874. By Dr. J. Wallich. |
| Geneva - - | Bibliothèque Universelle | Archives des Sciences, Vols. LII.–LIV. |
| | Société Géographique - | Le Globe, Vol. XIII., Nos. 1–4. |
| Gorizia - | - - - - - | Osservazioni delle Statione Meteorologica, May 1874 to June 1875. |
| Greenwich - | Royal Observatory - - | Report of the Astronomer Royal to the Board of Visitors, 1875. |
| | " - - | Magnetical and meteorological observations for 1872. |
| | " - - | Weekly Returns to the Registrar-General, Vol. XXXVI. |
| | " - - | Daily Weather Reports for the year. By Sir G. B. Airy, K.C.B., F.R.S. |
| Hamburg - | Deutsche Seewarte - - | Wetterbericht for 1875. |
| | " " - - | Annalen der Hydrographie und maritimen Meteorologie, Vol. III. By Dr. G. Neumayer. (See also Berlin.) |
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| Hobarton - | R. Society of Tasmania - | Monthly Notices of Papers and Proceedings, 1873. By F. Abbott, F.R.A.S. |

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| Hong Kong - | Government Civil Hospital | Meteorological Observations made at Victoria, Oct. 1874 to Sept. 1875. |
| | Harbour Office - - | China Coast Meteorological Register, Dec. 1874 to Nov. 1875. By Captain H. G. Thomsett, R.N. |
| Kiel - - | Ministerial Commission zur Untersuchung der deutschen Meere. | Ergebnisse der Beobachtungs-stationen an den deutschen Küsten 1874, March to December. Jahresbericht, 1872–3. By Drs. Meyer and Karsten. |
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| Lemberg | University - - - | Meteorologische Beobachtungen. 1872, Nov. and Decr.; 1873 and 1874; 1875, Jan. and Feb. |
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| Liverpool - | Mersey Docks and Harbour Board. | Report of the Astronomer to the Marine Committee, 1873–4. By J. Hartnup, F.R.A.S. |
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| | ,, - | On Comparative Observations of Solar Radiation. By Rev. F. W. Stow. |
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| Milan - | R. Observatorio - - | Osservazzioni astronomiche diverse, 1871–4. By G. Tempel. |
| | ,, - - | Resconto delle operazioni fatte a Milano nel 1870, &c. |
| | ,, - - | Le sfere omocentriche di endosso, di callippo et di Aristotele. By Sr. G. V. Schiaparelli. |
| Modena - - | ,, - - | Sulle Burrasche del 19 e del Feb. 25, 1875. By Sr. D. Ragona. |
| Moncalieri - | Observatory - - - | Bullettino Meteorologico: |
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| | ,, - - - | ,, IX., Nos. 4–9. |
| | ,, - - - | Osservazioni meteor. fatte nelle stationi presso le Alpi Italiane, December 1874 to July 1875. |
| | ,, - - - | Riassunti, 1872–3, 1873–4. |
| | ,, - - - | Osservazioni della declinazione magnetica. |
| | | Sulla distribuzione della Pioggia in Italia, 1871–2. |
| | ,, - - - | Il Congresso Internazionale dei Meteorologisti riunito a Vienna. |
| | ,, - - - | Osservazioni delle meteore luminose, 1874–5, 1875–6. By Sr. F. Denza. |
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| | „ „ | Vents et Courants, by MM. Ploix et Caspari.<br>By Captain A. Le Gras. |
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| | „ „ | Bulletin Mensuel, Nos. 36–47.<br>By M. Marié-Davy. |
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| Prague - - | K.K. Sternwarte - - | Magnetische und meteorologische Beobachtungen, 1875, pp. 1–24.<br>By. Dr. C. Hornstein. |
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| | " " | Meteorology of Russia. By A. Wojeikoff. |
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| | „ - - | Om nattfrosterna i Sverige, 1871–3, by H. E. Hamberg. |
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| | K. K. Sternwarte - | Meteor. Beobachtungen, 1868–71.<br>By Dr. C. Littrow. |
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| | War Office - - - | Monthly Weather Review, November 1874 to October 1875. Daily Weather Charts and Reports. Meteorological Record, October 1874, to June 1875. Bulletin of International Observations, January 1st to May 5th, 1875. Daily Bulletin, with Synopses, Probabilities and Facts, October to December, 1872. Report, 1874. Instructions to Observer-Sergeants.<br>By Brigadier-Gen. A. J. Myer, U.S.A. |
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| Deville, C. Sainte Claire. - | Sur les variations ou inégalités périodiques de la temp$^{e}$. Notes 10 and 11. |
| Dove, H. W., F.R.S. - | Über die Zurückführung der jährlichen Temperatur auf die ihr zum Grunde liegenden Bedingungen, 2$^{te}$ Abhandlung. Über das mittlere Fortschreiten ungewöhnlicher Wärme-erscheinungen über die Erdoberfläche. Über die klimatischen Verhältnisse von Palastina. Über einen merkwürdigen Blitzschlag. Über die Übereinstimmung der Witterungserscheinungen in den ungewöhnlich trockenen Jahren, 1857, 1858, 1874. Über den allgemeinen Character milder Winter. Kühler Mai nach mildem Januar, und Nachtrag. |
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| " " - - | Weather Statistics during Small-pox Epidemic in Kilmarnock of 1873–4. |
| Dymond, W. P., F.M.S. - | Meteorology of West Cornwall and Scilly, 1870–74, and observations of Sea Temperature, 1872–74. |
| Estourgies, L. - - | Les Courants de la Mer et de l'Atmosphère. |
| Ferrel, W, - - | Tidal Researches. |
| Freeden, W. H. - | Jahresbericht der Norddeutsche Seewarte, 1874. " Hansa," 1875. Deutsche Nordpolarfahrt, Vol. II., Part 2, by Capt. C. Koldewey. |
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| Hall, Marshall - - | L'Orage du 7 au 8 Juillet 1875. Extract from the Journal de Genève. |
| Hann, Dr. J. - | Bericht über die Fortschritte der geographischen Meteorologie. |
| " " - - | Untersuchungen über die Veränderlichkeit der Tagestemperatur. |
| " " - | Das specifische Gewicht des Eismeerwassers in Beziehung auf die Theorie der Meeresströmungen. |

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| Hellmann, Dr. G. - - | Die täglichen Veränderungen der Temperatur der Atmosphäre in Norddeutschland. |
| Hennessy, H. - - | On the physical properties of water in relation to terrestrial climate. On the vertical movements of the atmosphere considered in connection with storms and changes of Weather. On an inverted Lunar halo and a Lunar rainbow. Notes on the laws which regulate the distribution of isothermal lines. On the formation of ground ice in the bed of the River Dodder. |
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| Hutchison, Graham - | A Treatise on the Causes and Principles of Meteorological Phenomena. |
| Jones, G. J. - - | Meteorology of Lymington, 1874. |
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| Loomis, Prof., E. - - | Examination of United States Weather Maps for 1872–3. |
| Leudesdorf, Dr. M. - | Nachrichten über die Gesundheitszustände in verschiedenen Hafenplätzen, Vol. IX. |
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| „ - - | Mission de l'Île Saint Paul pour l'observation du Passage de Vénus. |
| Moyle, M.D., F.R.C.S. - | Summary of Observations at Helston, 1874. Meteorological Tables for 1873. |
| Mühry, Dr. A. - - | Die neuere Naturwissenschaft und die Teleologie. Einige empirische Beweise für das Motiv der oceanischen Aequator-Strömung. |
| Neil, A., M.R.C.S. - | Meteorology of the Punjab, 1874. |
| Pastorelli, F. - - | Catalogue of Standard Meteorological Instruments. |
| Petermann, Dr. A. - | Mittheilungen, Vol. XX., No, 12.; Vol. XXI., Nos. 1–11. Ergänzungsheft, Nos. 39–43. |
| Prestel, Dr. - - | Die Polarbanden als Aeroklinoskop. Über den Barometersturz am 22 November 1873, und den Einfluss des Mondes auf das Wetter. |
| „ - - | Ergebnisse der Witterungs-Beobachtungen von 1864, bis 1873. |
| Prestwich, Prof. J., M.A., F.R.S. | On the origin of the Chesil Bank. |
| Prettner, Dr. J. - - | Meteorologische Beobachtungen zu Klagenfurt, December 1874 and January 1875. |
| Prince, C. L., F.R.A.S. - | Summary of Meteorological Register kept at Crowborough Beacon, Tunbridge Wells, 1874. |
| Purser, E., M.A. - - | Meteorological Table of Smyrna for 1864–74. |
| Rawson, Govr. R. W., C.B. | Monthly Returns of Rainfall and Meteorological Observations in Barbadoes, November 1874 to March 1875. Map of Daily Rainfall, November 1874 to March 1875. Report on the Rainfall of Barbadoes for 1874. |

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| Richards, W. H. - - | Abstract of the Weather at Penzance and neighbourhood, 1874. |
| Robinson, Rev. T. R., F.R.S. | Reduction of Anemograms taken at Armagh Observatory, 1857–63. |
| Roscoe, H. E., F.R.S. - | On a S.R. method of measuring the intensity of the chemical action of total daylight. |
| Sawyer, F. E., F.M.S. - | The Meteorology of Sussex. |
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| Schück, Capt. A. - - | Die Wege des Oceans für Segelschiffe. |
| Stewart, Dr. B., F.R.S. - | Address to the Mathematical and Physical Section of the British Association, Bristol, August 25th, 1874. |
| Strachan, R., F.M.S - | The Weather of 13 Springs, Summers, Autumns and Winters. |
| ,, ,, - | On the Annual Means of 13 years at London. |
| Strachey, Lt.-Gen., F.R.S. | Address to the Geographical Section of the British Association, 1875. |
| Symons, G. J., F.M.S. - | Monthly Meteorological Magazine for 1875; British Rainfall for 1874; and some old works by various authors given in exchange. |
| Tennent, R. - - | The theory of the causes by which Storms Progress in an easterly direction over the British Isles, and why the barometer does not always indicate real vertical pressure. |
| Toynbee, Capt. H. - | On the Normal Circulation and Weight of the Atmosphere in the North and South Atlantic Oceans, so far as it can be proved by a steady Meteorological Registration during five Voyages to India. |
| Wheatstone, Sir C. - | Description of a new S. R. Barometer; N. Bryson, F.R.S.E. An Investigation of the Principles upon which a new S. R. Barometer may be constructed; J. Stevelly. Récherches sur la cause des variations barométriques; by A. Peltier, and some other papers. |
| Wojeikoff, Dr. A. - - | Die atmosphärische Circulation. |

## APPENDIX XIII.

List of Persons in the Employment of the Meteorological Committee on December 31st, 1875, with their Occupations and Amount of Salary.

| Name. | Duties. | Salary Yearly. £ s. d. | Salary Weekly. £ s. d. |
|---|---|---|---|
| *Office.* | | | |
| Robert H. Scott | Director of the Office | 800 0 0 | — |
| J. S. Harding, jun. | Correspondence, Accounts, Library | 240 0 0 | — |
| T. D. Bell | Assistance in do., registering of documents, &c. | 80 0 0 | — |
| J. S. Harding, senr. | Office keeper | — | 1 18 6 |
| *Land Meteorology (Observatories).* | | | |
| R. H. Curtis | Reproduction of observatory curves by pantagraphs, and preparation for publication. | 160 0 0 | — |
| A. J. Rigby | | — | 1 18 6 |
| C. H. Thompson | | — | 1 6 0 |
| C. Stodart | | — | 2 2 0 |
| J. A. Curtis | Discussion of returns, and computations. | 110 0 0 | — |
| H. N. Cobley | | — | 1 3 0 |
| R. Sargeant | | — | 1 3 0 |
| *Land Meteorology (Telegraphy).* | | | |
| F. Gaster | Preparation of weather reports and computations. | 180 0 0 | — |
| W. L. Dallas | | 100 0 0 | — |
| F. Brodie | | 86 0 0 | — |
| G. G. Francis | | 80 0 0 | — |
| H. Chivers | | — | 0 14 0 |
| *Ocean Meteorology.* | | | |
| Capt. H. Toynbee | Marine Superintendent | 400 0 0 | — |
| R. Strachan | Charge and disposal of instruments and reduction of meteorological returns. | 250 0 0 | — |
| C. Harding | Discussion of data and computations. | 170 0 0 | — |
| T. E. Allen | | 110 0 0 | — |
| H. Harries | | — | 1 15 0 |
| W. Allingham | | — | 1 18 6 |
| H. F. Green | | — | 0 12 0 |
| *Commissionaire* | Messenger | — | 1 1 0 |
| J. E. Cullum | Superintendent of Valencia Observatory. | 150 0 0 | — |

Mr. John Dallas has been engaged in the Telegraph branch since 14th February 1876 at a weekly salary of 1*l.* 10*s.*

## LIST OF PUBLICATIONS, &c. issued under the Authority of the Meteorological Committee.

### OFFICIAL.

No. 1. Report for 1867. Presented to Parliament. 1*s.*

2. Instructions for Meteorological Telegraphy. 6*d.*

3. Fishery Barometer Manual. 6*d.*

4. Charts of Surface Temperature, South Atlantic Ocean. 2*s.*6*d.*

5. Report for 1868. Presented to Parliament. 5*d.*

6. Report for 1869. Presented to Parliament. 10*d.*

7. Quarterly Weather Report for 1869.—Parts I. to IV. 5*s.* each. [Stanford.]

8. Barometer Manual. 1*s.* [Out of Print. New Edition in the Press.]

9. Quarterly Weather Report for 1870.—Parts I. to IV. 5*s.* each. [Stanford.]

10. Report for 1870. Presented to Parliament. 10*d.*

11. Contributions to our Knowledge of the Meteorology of Cape Horn and the West Coast of South America. 2*s.* 6*d.* [Stanford.]

12. Currents and Surface Temperature of the North Atlantic Ocean, from the Equator to Lat. 40° N., for each month of the year, with a General Current Chart. 2*s.* 6*d.* [Stanford.]

13. A Discussion of the Meteorology of the Part of the Atlantic lying North of 30° N. for the Eleven Days ending 8th February 1870. Price, with Book of Charts, 5*s.* [Stanford.]

14. Quarterly Weather Report for 1871.—Parts I. to IV. 5*s.* each. [Stanford.]

15. Report for 1871. Presented to Parliament. 10*d.*

16. Quarterly Weather Report for 1872.—Parts I. to IV. 5*s.* each. [Stanford.]

17. Report for 1872. Presented to Parliament. 1*s.*

18. Contributions to our Knowledge of the Meteorology of the Antarctic Regions. 2*s.* [Stanford.]

19. Quarterly Weather Report, 1873.—Parts I. to IV. 5*s.* each. [Stanford.]

20. Charts of Meteorological Data for Square 3. Lat. 0° – 10° N. Long. 20° – 30° W., and Remarks to accompany the Monthly Charts, which show the Best Routes across the Equator for each Month, &c. 20*s.*

21. Report of the Proceedings of the Meteorological Congress at Vienna. 1*s.* [Stanford.]

22. Report for 1873. Presented to Parliament. 4*d.*

23. Report of the Proceedings of the Conference on Maritime Meteorology held in London, 1874. 2*s.*

24. Instructions in the Use of Meteorological Instruments. 1*s.* 6*d.*

## LIST OF PUBLICATIONS, &c.—*continued.*

25. Quarterly Weather Report for 1874.—Parts I. and II., January to March. 5*s.* each.
26. Report for 1874. Presented to Parliament. 6*d.*
27. Charts of Meteorological Data for the Nine 10° Squares of the Atlantic which lie between 20° N. and 10° S., and extend from 10° to 40° W., with accompanying Remarks. [In the Press.]
28. Contributions to our Knowledge of the Meteorology of Japan. 1*s.* [Stanford.]
29. Report for 1875. Presented to Parliament.
30. Quarterly Weather Report, 1875. [In the Press.]

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## NON-OFFICIAL.

No. 1. Report to the Committee on the Connexion between Strong Winds and Barometrical Differences.—By Robert H. Scott, Director of the Office. 6*d.*

2. Report to the Committee on the Meteorology of the North Atlantic.—By Captain H. Toynbee, Marine Superintendent. 1*s.*
3. Report to the Committee on the Use of Isobaric Curves.—By Captain H. Toynbee, Marine Superintendent. 1*s.*
4. Routes for Steamers from Aden to the Straits of Sunda and back. Translated from a Paper issued by the Royal Meteorological Institute of the Netherlands. 6*d.*
5. On the Winds, &c. of the North Atlantic along the Tracks of Steamers from the Channel to New York. Translated from a Paper issued by the Deutsche Seewarte, Hamburg. 6*d.*
6. Report of the Proceedings of the Meteorological Conference at Leipzig. 1*s.*
7. Notes on the Form of Cyclones in the Southern Indian Ocean.—By C. Meldrum, Esq., M.A., F.R.A.S. 6*d.*
8. Report on Weather Telegraphy and Storm Warnings. Presented to the Meteorological Congress at Vienna. 6*d.*
9. Report of the Permanent Committee of the Vienna Congress for 1874. 1*s.* 6*d.*
10. On the Physical Geography of that part of the Atlantic which lies between 20° N. and 10° S., and extends from 10° to 40° W. A Paper read before the British Association at Bristol, in August 1875, by Capt. Toynbee, F.R.A.S., F.R.G.S., Marine Superintendent. 1*s.* 6*d.*
11. Report of the Permanent Committee of the Vienna Congress for 1876. [In the Press.]

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For Her Majesty's Stationery Office.

# TWENTY-THIRD REPORT

OF THE

# SCIENCE AND ART DEPARTMENT

OF THE

## COMMITTEE OF COUNCIL ON EDUCATION,

## WITH APPENDICES.

Presented to both Houses of Parliament by Command of Her Majesty.

LONDON:
PRINTED BY GEORGE E. EYRE AND WILLIAM SPOTTISWOODE,
PRINTERS TO THE QUEEN'S MOST EXCELLENT MAJESTY.
FOR HER MAJESTY'S STATIONERY OFFICE.

1876.

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# TWENTY-THIRD REPORT

OF THE

# SCIENCE AND ART DEPARTMENT

OF THE

# COMMITTEE OF COUNCIL ON EDUCATION.

## TO THE QUEEN'S MOST EXCELLENT MAJESTY.

MAY IT PLEASE YOUR MAJESTY,

WE, the Lords of the Committee of Your Majesty's Privy Council on Education, humbly present to Your Majesty this our Report of the Science and Art Department for the year 1875.

The Report is arranged under the following heads :—

Division of Report.

I.—Aid given towards the promotion of instruction in Science applicable to Industry.

II.—Aid given towards the promotion of instruction in Elementary Drawing as a part of National Education, and in Fine Art as applied to Industry.

III.—The administration of the South Kensington Museum, the central repository for objects of Science and Art, which, as far as practicable, are circulated throughout the United Kingdom.

IV.—The Branch Museum at Bethnal Green.

V.—Other Museums, supported by the State through the Science and Art Department.

VI.—The Geological Survey.

VII.—Institutions and Societies which receive aid from the State, subject to the superintendence of the Science and Art Department.

VIII.—Summary.

## I.—SCIENCE DIVISION.

### AID GIVEN TOWARDS THE PROMOTION OF INSTRUCTION IN SCIENCE.

#### (*a.*) *Elementary Scientific Instruction.*

Elementary Scientific Instruction.

1. It will be seen from the following table, which gives the statistics of the Science Schools from 1866 to the present

time, that there was a decrease last year, both in the number of Science Schools and in the number of students under instruction in them. This decrease is no doubt due to the rule which we considered it advisable to impose, that no pupil of an elementary school should be presented for examination by the Science and Art Department until he had passed Standard V. of the English and Scotch Code or the 5th Class in the Irish National Schools.

| | No. of Schools. | No. under Instruction. |
|---|---|---|
| 1866 | 153 | 6,835 |
| 1867 | 212 | 10,230 |
| 1868 | 300 | 15,010 |
| 1869 | 523 | 24,865 |
| 1870 | 799 | 34,283 |
| 1871 | 908 | 38,015 |
| 1872 | 948 | 36,783 |
| 1873 | 1,182 | 48,546 |
| 1874 | 1,336 | 53,050 |
| 1875 | 1,299 | 52,669 |

Number of Schools, &c

Every institution in which Scientific instruction is given is here counted as a school, whether, as in some institutions, there was only a class for instruction in one subject, or, as in others, there were more or less complete courses of study in different branches of Science. Thus the above-mentioned 1,299 schools comprised 4,106 different classes. 27,985 students of these classes came up for examination in May, besides 2,700 self-taught students and pupils of classes not under certificated teachers. The results of the examination as compared with those of the three previous years were as shown in the following table, and it is satisfactory to observe that though, as stated above, there was a diminution in the number of schools and students, there was an increase in the number of students examined and in the number of papers worked, and a still larger increase in the number passed and the number who obtained first classes.

| — | No. examined. | No. of Papers worked. | No. of Papers passed. | No. of First Classes in Elementary and Advanced Stages. |
|---|---|---|---|---|
| 1871 | 18,750 | 38,098 | 22,105 | 3,431 |
| 1872 | 19,568 | 39,383 | 27,806 | 7,375 |
| 1873 | 24,674 | 56,577 | 35,100 | 8,782 |
| 1874 | 27,513 | 61,796 | 38,198 | 10,896 |
| 1875 | 27,985 | 62,308 | 43,192 | 13,565 |

2. 1,000 students came up in honours, of whom 238 were successful. There was thus continued satisfactory progress shown in the number of students examined, in the number of papers worked, in the number passed, and in the number of first classes. The reports of the examiners as to the quality of the instruction afforded in the schools were, on the whole, very satisfactory.

Examinations.

3. Examinations were held at 838 provincial and 100 metropolitan centres. The payments to teachers on the results of instruction of the artizan classes, as tested by these examinations, amounted for the year 1875 to 42,474*l.* 5*s.* 4*d.*, being at the rate of 16*s.* 1*d.* for each person under instruction. In the previous year the rate was about 13*s.* 10*d.* The number of teachers paid was 1,449, the payments varying from 1*l.* to 598*l.*, the average being upwards of 29*l.* per teacher. Grants were also made towards the purchase of apparatus, diagrams, and examples, amounting in the year to 1,043*l.* 9*s.* 10*d.*, being an increase on the year 1874, when they amounted to 853*l.* 15*s.* 3½*d.*

4. The schools were distributed as follows:—1,017 in England, 105 in Scotland, and 177 in Ireland.

Building grants.

5. Grants in aid of the erection, enlargement, or purchase of buildings for Schools of Science and Art have been made at Lewes and at Ryde. Applications for building grants have also been received from other localities, but the Committees are not in a position to claim the payment. Details concerning these grants are given in the report of Major Festing, R.E., at page 165 of the Appendix.

Whitworth Scholarships.

6. Forty-eight candidates competed for Whitworth Scholarships, at the examination in May 1875. Of these 33 passed the qualifying examination in theoretical subjects, and 26 were examined in practical work by Sir Joseph Whitworth at his works at Manchester.

Exhibitions and Scholarships.

7. Of the local exhibitions, towards which the Department provides 25*l.* on the locality contributing a similar amount, only two were established last year, and four renewed. Neither these nor the Elementary School and Science and Art scholarships, to each of which the locality contributes 5*l.*, and the Department 5*l.* and 10*l.* respectively, receive much local support. The numbers of Elementary School, and Science and Art, Scholars appointed, were 55 and 59 respectively.

Courses for Teachers.

8. Special courses of instruction for teachers, lasting about three weeks each, were given in the New Building

at South Kensington. They were in Chemistry, by D. Frankland; in Light and Heat, by Professor Guthrie; in Geometrical Drawing, by Professor Bradley; in Machine Construction and Drawing, by Professor Unwin; and in Mechanics, by Professor Goodeve. There was also a course in Botany, lasting eight weeks, and attended by 23 teachers, given by Professor Dyer. 205 teachers out of 499 applicants were selected to attend them.

9. Further details with regard to these courses and to the instruction in Science in general will be found in Major Donnelly's report, Appendix B.

### (*b.*) *Advanced Scientific Instruction.*

Royal School of Mines.

10. *Royal School of Mines.*—From the report of the Registrar of the school, given at page 469, Appendix F., it will be seen that there has been a slight decrease in the number of students of the previous year. The courses of instruction have been carried on as usual partly at the Museum in Jermyn Street and partly at South Kensington.

Royal College of Chemistry.

11. At the chemical laboratories at South Kensington there has been a falling off of associates or students entering the three years' course of study, attributed principally to the notice which it was necessary to give with regard to the want of sufficient accommodation for laboratory practice. The special class for higher studies in the research laboratory, the establishment of which was alluded to in our last Report, has done some interesting work, described in detail by Dr. Frankland in his report at page 470. The usual courses of lectures to students have been carried on, also a special course for the instruction of science teachers.

Metallurgical Laboratory.

12. In the Metallurgical Laboratory the attendance of students has been much larger than in the previous year, as large, in fact, as the accommodation would admit.

Dublin Royal College of Science.

13. *Royal College of Science.*—The usual courses of lectures were delivered during the year, and were attended by 61 persons, of whom 26 were associate students prosecuting the full three years' course, with the object of obtaining the diploma of Associate. Short courses of evening lectures, intended chiefly for the working classes, were also given. With the view of carrying on practical instruction in experimental physics, we have sanctioned the establishment of a physical laboratory, for which a demonstrator has been engaged.

## II.—ART DIVISION.

14. On the retirement of Mr. Richard Redgrave, R.A., in September last, Mr. E. J. Poynter, R.A., has been selected to fill the post of Director for Art; and, in addition to the duties formerly discharged by Mr. Redgrave, he has been appointed Principal of the Art Training School.

### Aid given towards the Promotion of Instruction in Elementary Drawing as a Part of National Education, and in Fine Art as applied to Industry.

National Art Training School

15. *The National Art Training School.*—The Headmaster, Mr. R. Burchett, died in May 1875, and has been succeeded by Mr. J. Sparkes. During the year 1874–75, 44 students in training to become Art Teachers and 15 national scholars in training to become designers or Art-workmen, received allowances to enable them to study in the School and Museums; 20 students were admitted on payment of half fees; and 107 others, including the students in training, the National scholars, and 20 men of the corps of Royal Engineers received gratuitous instruction.

Five students in training obtained appointments as masters in Schools of Art.

At the annual examinations in February 1875, 18 students of the Training School obtained 19 certificates of the 3rd grade, which qualify the holders of them to earn payments from the Department as Teachers in Schools of Art. Of these certificates 7 were for advanced Art qualifications, 4 for architectural drawing, and 8 for the 1st or elementary group of the 3rd grade.

Two gold, 6 silver, 20 bronze medals, and 15 Queen's prizes were awarded to students of the Training School in the national competition, besides 82 prizes of books, &c. for works sent in for examination. The number of students was 754; and the fees received amounted to 2,691*l.* 6*s.*, of which sum 302*l.* 16*s.* was paid by evening students, and 2,388*l.* 10*s.* by day students.

Etching Class.

16. *The Etching Class.*—Mr. T. O. Barlow, A.E.R.A., by whom this class had been conducted since 1872, having recently resigned, Mr. A. Legros has been appointed to succeed him as teacher, and the class will in future be open to all qualified students of the Training School.

Schools of Art.

17. *Schools of Art.*—New schools have been established during the past year at Bideford, Devonport, Dollar, Hastings and St. Leonards, Londonderry, Newport (Mon.), St. Albans. The total number of Schools of Art at present

in operation is 137. The total number of students in these schools is 26,534.

The annual increase reported in previous years in the work done in the schools continues to be steadily maintained. At the annual examination in April 1875, 14,894 students submitted 101,366 drawings or models; the corresponding numbers in 1874 having been 13,306 students, and 92,058 works. In this competition 12,072 students, on whose account payments were made to the committees of the Schools, were of the industrial classes. In the elementary examinations of the 2nd grade 4,530 students were successful, and 1,123 obtained prizes.

The amount of fees paid by students in Schools of Art in the last three years has been:—

| 1873. | 1874. | 1875. |
|---|---|---|
| 26,392*l.* | 27,213*l.* | 30,338*l.* |

National Competition.

18. *National Competition.* — The number of works selected for the National Competition was 1,700, composed of drawings from the antique, designs, and studies in light and shade or colour. The number in 1874 was 1,600.

The Report of the Examiners will be found in App. C., page 394.

Art Night Classes.

19. *Art Night Classes.*—The number of students has increased from 21,851 in 653 classes to 25,359 in 776 classes. 4,296 students in these classes passed successful examinations of the 2nd grade, 801 obtained 2nd grade prizes, and 400 obtained prizes for works sent up for inspection.

Elementary Schools.

20. *Elementary Day Schools.* — In 2,944 elementary schools 387,640 children were taught drawing, and 274,850 were examined at the annual examination in March 1875. These numbers, compared with those of 1874, present an increase of 571 schools, 97,215 children taught, and 63,709 examined, the corresponding totals in 1874 having been 2,373; 290,425, and 211,141.

Training Colleges.

21. *Training Colleges for Elementary School Teachers.* —At the examination of these colleges, in November, 706 teachers obtained certificates for drawing.

Grants towards cost of examples.

22. *Grants in aid of the Purchase of Examples and Apparatus.*—In 1873, the sum granted was 1,539*l.* 19*s.* 11*d.* on 454 requisitions; in 1874 1,855*l.* 15*s.* 8*d.* on 516 requisitions; and in 1875 2,314*l.* 2*s.* 10*d.* on 617 requisitions. These grants are supplemented by payments from Local Committees, who incur part of the cost of Examples in all the schools.

23. The grand totals of persons taught drawing, painting, or modelling through the agency of the Department, have been as follows during the last three years:— Total number of persons instructed.

| 1873. | 1874. | 1875. |
|---|---|---|
| 290,176 | 345,382 | 449,689 |

24. *Payments on Results.*—The following table shows the number of separate payments made on the results of examination:— Payments on Results of Examinations.

| Nature of Payments. | 1873. | 1874. | 1875. |
|---|---|---|---|
| 1st Grade.—1*s.*, 2*s.*, 3*s.* or 5*s.* on account of children taught in Elementary Day Schools. | 127,202 | 166,593 | 202,704 |
| 2nd Grade.—10*s.* on account of students in Schools of Art and Night Classes and Elementary Day Schools. | 14,437 | 11,876 | 12,788 |
| 2nd Grade.—2*l.* (maximum) on account of resident students in training schools who complete their certificates of the 2nd Grade. | 370 | 337 | 328 |
| 3rd Grade.—15*s.* on account of elementary works executed in Schools of Art, Night Classes, and Science Classes. | 2,048 | 1,954 | 2,478 |
| 3rd Grade.—30*s.* on account of advanced works executed in Schools of Art. | 795 | 766 | 835 |
| 3rd Grade.—3*l.* on account of free studentships in Schools of Art. | 225 | 205 | 181 |
| 3rd Grade Certificate.—Payment of 10*l.* on each student obtaining an Art-Teacher's Certificate. | 33 | 24 | 26 |
| 3rd Grade payment of 5*l.* on a student prepared for a National Scholarship. | 6 | 4 | 6 |
| Total - - | 145,116 | 191,759 | 219,346 |

25. *Prizes.*—The number of prizes awarded has been as follows:— Prizes.

| Nature of Prize. | 1873. | 1874. | 1875. |
|---|---|---|---|
| 1st Grade Prizes - - | 14,506 | 12,193 | 13,232 |
| 2nd Grade Prizes - - | 4,922 | 4,675 | 3,839 |
| 3rd Grade Prizes - - | 1,232 | 1,614 | 1,920 |

26. The details relating to instruction in Art will be found in the Report of Mr. H. A. Bowler, at page 166, and its Appendices.

## III.—South Kensington Museum.

Art Museum Purchases.

27. *Art Museum.—Purchases.*—Mr. P. Cunliffe Owen, C.B., the Director, reports the acquisition of many valuable and interesting objects for this division of the Museum—notably specimens of Oriental Art, among which may be mentioned a Japanese eagle of wrought-iron, some fine Chinese bronzes, vases, &c., and specimens of Satsuma and other earthenware, unlike any previously in the Museum. The remaining portion of the Bond collection of English plate and a collection of lace, were also among the purchases.

Persian Collection.

28. The collection of Persian objects acquired for the Museum by Major Murdoch Smith, R.E., at Teheran, to which allusion was made in our last report, was received towards the close of the year, and is now open to the public.

Gifts and Loans.

29. *Gifts and Loans.*—The donations to the Art portion of the Museum have been few during the year, but the objects are of considerable interest. The loan collection has also maintained the standard of former years, and many objects offered have been refused, or transferred to Bethnal Green, for want of space to exhibit them in the existing courts. Lists of the purchases, gifts, and loans will be found at page 426.

Collection of Scientific Apparatus.

30. *A Special Loan Collection of Scientific Apparatus* has been formed, and creates unusual interest. We have received in its formation most willing aid from men of science and from scientific institutions both at home and on the Continent.

Reproductions.

31. *Reproductions.*—Some electrotypes of specimens of ancient plate in the possession of the Barber Surgeon's Company, and a new series of reproductions of objects in the Art Museum, form the principal addition to these collections.

32. *Oil and Water-colour Paintings.*—The Director for Art reports that the paintings under his charge are in a satisfactory condition. The collection has been increased by the acquisition of 51 paintings and drawings. Mr. Poynter's report will be found at page 451 of Appendix D.

Circulation.

33. *Circulation of Art Objects.*—This important function of the Museum has been well maintained during the year; but the demand from the provinces for the loan of objects is so great, that some difficulty is experienced in complying with the numerous applications. Several thousand objects have been withdrawn from South Kensington for circulation throughout the country; principally in aid of Exhibi-

tions of Art and Industry at the following places, Boston, Winchester, Bath, Leeds, and Taunton. The contributions from the Museum for such local purposes are made on the understanding that the profits derived be wholly, or in part, devoted to the promotion or extension of Science and Art in the various industrial centres. The results of these exhibitions, as regards attendance and receipts, are given in detail at page 435 of the Director's report.

Deposit Loans.

34. *Provincial Museums and Deposit Loans.*—Besides the temporary loans above-named the contributions sent on deposit for a year to the Nottingham Museum of Science and Art; the Wedgwood Institute, Burslem; the Smith Institute, Stirling; the Corporation Art Galleries, Birmingham, and the Museum of Art and Industry, Sheffield, have been renewed, thus affording the above localities for the purpose of study, &c. the advantage of a yearly exhibition of fresh objects.

National Art Library.

35. *National Art Library.*—The necessity for additional accommodation is increasing annually. The number of readers during the year was 21,922 against 21,359 in 1874. The additions to the library have been numerous; 2,130 books, pamphlets, &c. purchased, and 179 presented. Duplicates of many works have been acquired for purposes of loan to provincial Schools of Art. Additions have also been made to the collections of engravings, photographs, and engraved national portraits. Full details of the various acquisitions with statistical tables are given in Mr. Soden Smith's report at page 413.

Educational Library.

36. *Educational Library.*—Mr. A. C. King, the Keeper, reports that 1,309 books and pamphlets have been added to the library during the year, of which 853 were purchased, 295 presented, and the remainder sent on loan. The attendance of readers has continued to increase, the total in 1875 being 19,942 against 19,624 of the previous year. The want of suitable accommodation for such a number of readers has necessitated a temporary re-arrangement of the library and collections. Details of the acquisitions and returns of attendance, &c. will be found at page 416.

Educational Collections.

37. *Educational Collections.*—There have been few additions to these collections during the year. The want of space has made it difficult to exhibit any further objects.

Animal Products and Food Collections.

38. *The Animal Products and Food Collections* exhibited at the Branch Museum at Bethnal Green have received additions, and arrangements have been made to render them still more useful and attractive by completing and re-classifying several of the series hitherto imperfect.

Economic Entomology.

39. *The Collection of Economic Entomology* has also been revised and where necessary deficiencies supplied.

Fish Museum.

40. *The Museum of Economic Fish Culture* on loan from Mr. Frank Buckland continues to form part of the attractive collections exhibited in the galleries of the Exhibition of 1862.

Collection of Building Materials. Models of Construction. Marine Models, &c.

41. The *Collection of Building Materials and Models of Construction* has been re-classified and re-arranged. Some interesting additions have been made to this, as well as to the other *Collections of Marine Models, Models of Machinery, and Munitions of War*, details of which are given at page 446 of Appendix D.

Publications.

42. *Publications.*—Among the publications which have been issued during the year may be mentioned the catalogues of the following collections:—The Dyce Bequest, Educational Library, &c. (new edition), Waste Products (at Bethnal Green), Fictile Ivories, Munitions of War, and Models of Machinery, &c. Other catalogues of Bronzes, Swiss Coins, Goldsmiths' Work, Glass Vessels, &c. in the Museum, are in course of preparation. We have also sanctioned the publication of several works on different branches of Art as applied to Industry at a minimum cost to the public, an arrangement which it is believed will prove of great value. The introductions to five descriptive catalogues, originally published at prices varying from fifteen shillings to two guineas, have been reprinted and are on sale at all Museums connected with the Department at one shilling a volume. Other similar volumes are in preparation.

Lectures.

43. *Public Lectures.*—Lectures were delivered during 1875 by Mr. Ernst Pauer on the pianoforte, and the usual courses on the Human Form and Ornamental Art by Mr. Bellamy and Dr. Zerffi.

The attendance was as follows:—

| | |
|---|---|
| Lectures by Mr. Pauer - - - | 1,729 |
| Mr. Bellamy - - - - | 3,257 |
| Dr. Zerffi - - - - | 3,130 |
| | 8,116 |

Visitors.

44. *Visitors.*—830,212 persons visited the Museum in 1875. This shows a decrease of 83,915 on the attendance in 1874. Upon the yearly average of visitors for 17 years, omitting the two exceptional years, 1857 and 1862, the total for 1875 shows an increase of 50,166.

The details of the attendance will be found at page 447, Appendix D.

## IV.—Bethnal Green Branch Museum.

45. The valuable collection of Paintings and other Art objects belonging to Sir Richard Wallace, which from the opening of this Museum had been its most attractive feature, was returned to its owner at the commencement of the year. In anticipation of this withdrawal many valuable offers of loans were accepted, and the space thus vacated has been filled by important contributions of Art objects. Bethnal Green Museum.

46. The number of visitors to the Museum during the past year was 522,098, and the amount received from fees on students' days and other miscellaneous sources was 224*l.* 16*s.* 8*d.*

## V.—Museums in connexion with the Science and Art Department, supported by the State.

47. *Museum of Practical Geology.*—During the year this Museum has been visited by 39,686 persons, of whom 15,348 were evening visitors, thus showing a steady yearly increase in the attendances. Museum of Practical Geology.

48. The reports of Mr. Etheridge on the Palæontological Department, and of Professor Huxley on the Naturalist's Department, are given at page 459. Some important additions have been made to the Collection of Fossils, of which a list is appended, with that of the donations received for the Museum and Library. Natural History Department.

49. *Edinburgh Museum of Science and Art.*—The new portions of this Museum, which were completed towards the close of 1874, were opened to the public at the commencement of the year. To this fact may be partly attributed the large attendance of visitors during 1875, amounting to 455,784, or 100,000 more than in any previous year. Some valuable and interesting donations have been received, of which a list will be found annexed to the report of the Director at page 473, Appendix G. Edinburgh Museum.

The re-arrangement of the Natural History Collections, greatly facilitated by the enlargement of the Museum, has made considerable progress under the direction of Dr. Traquair, whose report, with lists of additions by purchase and donation, is given in detail at page 479.

50. *Natural History Museum of the Royal Dublin Society.*—Important and interesting additions have been made to the several divisions of this Museum, details of Natural History Museum of Royal Dublin Society.

which will be found in the report of the Society at page 487. The number of visitors in 1875 amounted to 66,055, showing an increase of 2,235 on the total of 1874.

Library of Royal Dublin Society.

51. *The Library of the Royal Dublin Society.*—There were 18,304 readers during the year, with an average of 50 in the daytime, and 17 of an evening, showing a decrease in the attendance, which in 1874 amounted to 22,569.

Glasnevin Gardens.

52. *Glasnevin Botanic Gardens.*—The system of exchanges of plants and seeds with other establishments both in England and abroad has been successfully continued. Of plants 475 species, and of seeds 970 packages were received during 1875. Regular supplies of plants, &c. have been sent to the Royal College of Science and to the Royal Dublin Society's School of Art, for the purposes of lectures, study, &c. The number of visitors during the year has been 176,824, which is less by 18,436 than the total of the preceding year; a decrease mainly attributed to the excessive rain which prevailed during the summer and autumn months.

## VI.—Geological Survey of the United Kingdom.

Area surveyed.

53. *Extent of Area surveyed.*—The Director-General reports that during the year 1875, the total area surveyed in England and Wales amounts to 1,737 square miles,—an increase of 335 square miles over that of the previous year, —in Scotland 568, and in Ireland 841 square miles; thus making a total area for the United Kingdom of 2,640 square miles.

Maps.

54. The results of the preparation and publication of the geological maps during the year may thus be summarised. In England 37 sheets and 12 sections have been published and 19 sheets sent to the engravers; in Scotland 22 sheets published and 14 with the engravers; in Ireland 5 sheets published. Full details of these publications are given in Mr. Bristow's report at page 452 of the Appendix. The index maps at page 468 also show the present state of the survey throughout the Kindgom.

Mining Record Office.

55. *Mining Record Office.*—The report of Mr. Robert Hunt, F.R.S., the Keeper of Mining Records, will be found at page 461 of Appendix E. Some progress has been made with the preparation of the "Mineral Statistics," a work in which Mr. Hunt has been for some time engaged, and

which will be of value to coal owners and mine proprietors. A list of documents added to the office during the year is appended to the report.

## VII.—Institutions and Societies which receive aid from the State, subject to the superintendence of the Science and Art Department.

Royal Dublin Society.

56. *Royal Dublin Society.*—During the year 1875, 62 persons were admitted to the Society, which now has a total of 1,340 members, 857 being life and 483 annual members. The annual examination for certificates was held in May; and several evening meetings for the discussion of scientific and artistic questions, at which there was an average attendance of 109 persons.

Agricultural Department.

57. *Agricultural Department.* — Details of the annual exhibitions of cattle, poultry, farm and dairy produce, held by this branch of the Society, which is dependent on its private resources, will be found at page 490.

The total number of persons who attended the various departments of the Society during the year was 311,100, showing a decrease of 26,108 on the attendance in 1874.

School of Art.

58. *School of Art.*—An abstract of the returns connected with the School of Art is appended to the report of the Assistant Director for Art at page 319 of Appendix C.

Royal Zoological Society of Ireland.

59. *Royal Zoological Society of Ireland.*—The report of the Council of this society, given in detail at page 493 of Appendix K, shows an attendance during the year of 104,945 persons, and a receipt of 1,500*l.* for admissions, the latter sum being a small increase on the receipts of the previous year, although the admissions were fewer by several thousand, a result accounted for by a rise which it has been found necessary to make in the price of admission on certain days, to enable the society to meet the increasing annual expenses. Some alterations have been made to the gardens, and several interesting additions of animals have been received.

Royal Hibernian Academy.

60. *Royal Hibernian Academy of Arts.*—The Council of this institution reports a continued improvement in its financial position, as compared with the past three years. The annual exhibition of works attracted a large number of visitors, and the receipts therefrom were slightly in excess of the previous year. The schools were open during the

usual sessions, and prizes were awarded to the students at the annual visit of the inspector. The report of the Council is given at page 497 of the Appendix.

## VIII.—Summary.

Attendance at Schools and Classes of Science and Art.

61. The numbers of persons who have during the year 1875 attended the Schools and Classes of Science and Art in connexion with the Department, are as follows, viz. :— 52,669 attending Science Schools and Classes in 1875, as against 53,050 in 1874 (*see* §§ 1–4 above), and 449,689 receiving instruction in Art, showing an increase upon the previous year of 108,430, or more than 27 per cent.

62. At the Royal School of Mines there were 24 regular, and 167 occasional, students; at the Royal College of Chemistry, 294 students; at the Metallurgical Laboratory, 48. At the Royal College of Science for Ireland, there were 26 associate or regular students, and 34 occasional students.

Lectures.

63. The lectures delivered in the Lecture Theatre of the South Kensington Museum were attended by 8,116 persons, or 1,813 more than in 1874, in which year there were two courses of lectures more than in 1875. The evening lectures to working men at the Royal School of Mines were attended by 1,612 persons; and 49 Science teachers attended the special courses of lectures provided for their instruction in the new Science Schools at South Kensington.

64. The various courses of lectures delivered in connexion with the Department in Dublin were attended by 2,696 persons.

Number of persons receiving direct instruction.

65. The total number of persons, therefore, who received direct instruction as students, or by means of lectures, in connexion with the Science and Art Department in 1875, is 515,424, showing an increase as compared with the number in the previous year of 104,196, or about 25 per cent.

Libraries.

66. The attendance at the Art and Educational Libraries at South Kensington continues to increase; with that at the Library of the Royal Dublin Society the number of readers in 1875 has been 60,168.

Number of Visitors at Museums.

67. The museums and collections under the superintendence of the Department in London, Dublin, and Edinburgh, were last year visited by upwards of 2,292,066 persons, showing a slight decrease on the number in 1874.

68. The returns received of the number of visitors at the Local Art and Industrial Exhibitions, to which objects were contributed from the South Kensington Museum, show an attendance of 1,312,031. Local exhibitions.

69. The total number of persons who during the year 1875 attended the different Institutions and Exhibitions in connexion with the Department, has been upwards of 4,119,521. This total, compared with that of the previous year, presents an increase of 963,940. Total attendance.

70. The expenditure of the Department during the financial year 1875–6, exclusive of the vote for the Geological Survey, amounted to 262,651*l.* 15*s.* Expenditure.

All which is humbly submitted to Your Majesty.

South Kensington, this 4th day of July 1876.

L.S.

(Signed) Richmond and Gordon.
Sandon.

(Signed)
Norman MacLeod,
Assistant Secretary.

# APPENDIX.

## APPENDIX A.

## MINUTES AND CORRESPONDENCE.



### COPY OF ACT ENABLING THE DEPARTMENT OF SCIENCE AND ART TO TAKE LANDS BY GRANT OR DEVISE, &c.

#### CHAPTER 68.

AN ACT for making further Provision respecting the Department of Science and Art. [11th August 1875.]

BE it enacted by the Queen's most Excellent Majesty, by and with the advice and consent of the Lords Spiritual and Temporal, and Commons, in this present Parliament assembled, and by the authority of the same, as follows:

1. Any lands or any interest therein may be granted or devised to and taken by the Department of Science and Art, for the purposes of their charter, or for any educational or public purposes, and may be held by them accordingly subject to the control of Parliament, and may be sold or disposed of by them when the trusts on which they hold the same are consistent with such sale or disposition: Provided that the Department of Science and Art, before accepting any such grant or devise, shall obtain the consent in writing of the Commissioners of the Treasury or any two of them to their so doing. Department may take lands by grant or devise, and sell, &c.

2. This Act may be cited as The Department of Science and Art Act, 1875. Short title.

### RULES RELATING TO THE EXAMINATION IN SCIENCE OF PUPILS ATTENDING ELEMENTARY SCHOOLS.

*At Whitehall the 26th day of February* 1875.

By the Right Honourable the Lords of the Committee of Her Majesty's Most Honourable Privy Council on Education.

My Lords consider Article 21 of the English and Scotch Codes of the Education Department for 1875, in connexion with the rules of the Science and Art Department regulating the grants in aid of instruction in Science in Elementary Schools.

They direct that after 31st December 1875 the following rules shall be enforced:—

No pupil in a school in England or Scotland receiving aid from the Education Department, Whitehall, may be presented for examination by the Science and Art Department in any subject of science, who has not passed Standard VI. of the English or Scotch Codes respectively; nor who has been examined within the preceding six months in the same subject by H.M. Inspectors of Schools.

No pupil in a school under the patronage of the Commissioners of National Education in Ireland may be presented for examination by the Science and Art Department in any subject of science, who has not passed the standard of the first stage of the sixth class; nor who has been examined, and paid upon, within the preceding six months, in the same subject for an "extra branch" fee.

Appendix A.

MINUTES AND CORRESPONDENCE.

## PAYMENTS ON RESULTS OF INSTRUCTION IN AGRICULTURE.

*At Whitehall the 22nd day of November* 1875.

By the Right Honourable the Lords of the Committee of Her Majesty's Most Honourable Privy Council on Education.

My Lords consider a memorial from the Highland and Agricultural Society of Scotland, and direct that as an experimental measure the "principles of agriculture" shall be added to the list of subjects for which payments are made by the Science and Art Department.

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## COPY OF TREASURY MINUTE, DATED 10TH AUGUST 1875, RELATIVE TO THE RETIREMENT OF MR. RICHARD REDGRAVE, R.A., FROM THE OFFICE OF DIRECTOR FOR ART.

My Lords have before them a letter from the Education Department, dated the 29th ultimo, recommending the grant of a special superannuation allowance to Mr. Richard Redgrave, R.A., Director of the Art Division of the Education Department. Mr. Redgrave was appointed on the 2nd of December 1847, to be Master of the School of Design, and has since held successively the following appointments:—1848, Head Master and Manager attending the Board; 1852, Art Superintendent of the Department of Art; 1854, Commissioner for the Fine Arts, Paris International Exhibition; February 1857, Inspector-General for Art; January 1874, Director of the Art Division.

The Lords of the Committee of Council on Education inform the Board that they transmit Mr. Redgrave's application for a pension with very great regret, but having already once induced him to postpone his retirement, they feel that at his advanced age (71) they cannot properly urge him again to postpone his application for relief from the heavy labours which he has for many years discharged with so much credit to himself and with such signal advantage to the State. They further inform the Board that to recount the services which Mr. Redgrave has rendered in the various offices which he has held would be to write the history of the Art Department under the various names it has borne from the date of its first establishment.

They state that the present flourishing condition of the Art Division, and the position which it holds not only in this country, but in the public opinion of the continent, are the best testimony which can be given to the value of Mr. Redgrave's labours in founding and directing the existing system of Art instruction throughout the United Kingdom, and in establishing and developing the Art branches of the South Kensington Museum.

They recall the fact that, in carrying out these important public duties so efficiently, Mr. Redgrave has been virtually obliged to abandon the exercise of a lucrative profession in which he held a distinguished place.

They state that they have reason to know that their predecessors in office always entertained the same opinion as they themselves do of Mr. Redgrave's high qualifications as an artist, as an instructor, and as an administrator; and they think that his case is one which can only properly be dealt with under the 9th section of the Superannuation Act, 1859, as that of a person who has rendered special services requiring special reward.

Mr. Redgrave's total service amounts to 27 years, 9 months, but the portion of it anterior to his appointment as Inspector-General for Art in February 1857, is not of a kind which gives a legal claim to superannuation. On the other hand the office of Inspector-Generel for Art is one which entitles the holder to an addition of 10 years to his actual period of service on account of its professional character.

My Lords are very sensible of the great value of the services which Mr. Redgrave has rendered, and to which the Education Department have so forcibly drawn their attention, and in virtue of the powers conferred on them by the 9th section of the Superannuation Act, 1859, they are pleased to award to Mr. Redgrave a special retired allowance of 750*l.* a year.

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# APPENDIX B.



## 1. REPORT on SCIENCE SCHOOLS and CLASSES by MAJOR DONNELLY, R.E.

The subjoined table gives the results of the examination of Science Schools and Classes in May 1875 compared with the previous year. It will be seen that there was a falling off in the number of schools and classes, and in the number of students under instruction in them; but that there was an increase in the number of students who came up for examination, and a still larger increase in the number who were successful. The decrease in the number of classes and in the number under instruction is no doubt due to the rule imposed in 1875, requiring that students in elementary schools should not be presented for examination by the Science and Art Department till they had passed Standard V. of the English or Scotch code, or the examination for the 5th class in Ireland. It is however gratifying to find that though the numbers had fallen off, the standard of instruction had improved. Thus the numbers of students in 1874 and 1875 were respectively 53,050 and 52,669, of whom 27,513 came up for examination in the former, and 27,985 in the latter year. Of these and some 2,800 extern students, the number who were successful in 1874 was 22,691, while the number who were successful in 1875 was 24,457. Again the number of 1st classes in the elementary and the advanced stages respectively in 1874 were 9,002 and 1,894, while in 1875 they were 11,112 and 2,453. There was also an increase in the number of papers worked in nearly every subject, the exceptions being in Mathematics, no doubt due to the action in elementary schools of the restriction above referred to, in Botany, in Biology, and in Navigation.

## 2. RESULTS of the SCIENCE SCHOOL EXAMINATIONS, MAY 1874 and 1875.

| | 1874. | 1875. |
|---|---|---|
| Number of Schools* under Teachers examined - - | 1,336 | 1,299 |
| Number of Classes in the same - - - - | 4,432 | 4,106 |
| Number of individuals under instruction in Classes under Certificated Teachers - - - - | 53,050 | 52,669 |
| Number of the above who came up for examination - | 27,513 | 27,985 |
| Number examined in addition to the above who were not in Schools under Certificated Teachers - - | 2,878 | 2,700 |
| Number of individuals successful - - - | 22,691 | 24,457 |
| Number of these who ha not been successful in a previous year - - - - - - | 13,005 | 14,365 |
| Number of Papers worked in :— | | |
| Subject | | |
| I. Practical, Plane, and Solid Geometry - | 1,991 | 2,500 |
| II. Machine Construction and Drawing - | 3,095 | 3,96 |
| III. Building Construction - - - | 1,018 | 1,301 |
| IV. Naval Architecture - - - | 108 | 117 |

* Under the term school is included each separate institution in which Science instruction is being given. In some cases a school has only one class in one subject of Science, whilst in others there is a more or less complete course of study.

Appendix B.

MAJOR DONNELLY'S REPORT.

RESULTS of the SCIENCE SCHOOL EXAMINATIONS—*cont.*

| | | 1874. | 1875. |
|---|---|---|---|
| Number of Papers worked in:— | | | |
| Subject V. | Pure Mathematics | 7,635 | 6,370 |
| VI. | Theoretical Mechanics | 1,531 | 1,668 |
| VII. | Applied Mechanics | 624 | 704 |
| VIII. | Acoustics, Light and Heat | 4,742 | 5,473 |
| IX. | Magnetism and Electricity | 7,943 | 9,121 |
| X. | Inorganic Chemistry | 4,329 | 5,262 |
| XI. | Organic Chemistry | 284 | 287 |
| XII. | Geology | 2,495 | 2,594 |
| XIII. | Mineralogy | 89 | 116 |
| XIV. | Animal Physiology | 6,845 | 6,627 |
| XV. | Elementary Botany | 1,214 | 1,168 |
| XVI. XVII. | General Biology | 232 | 209 |
| XVIII. | Principles of Mining | 67 | 95 |
| XIX. | Metallurgy | 171 | 173 |
| XX. | Navigation | 290 | 250 |
| XXI. | Nautical Astronomy | 65 | 92 |
| XXII. | Steam | 802 | 908 |
| XXIII. | Physical Geography | 16,226 | 13,312 |
| Total number of Papers worked | | 61,796 | 62,308 |
| Number of Provincial Centres where Examinations were held | | 843 | 838 |
| Number of Metropolitan Centres where Examinations were held (including South Kensington Museum) | | 79 | 100 |
| Number who came up in the Elementary Stage | | 49,026 | 48,223 |
| Number of 2nd Class | | 21,125 | 22,259 |
| „ 1st „ | | 9,002 | 11,112 |
| „ Failures | | 18,899 | 14,852 |
| Number who came up in the Advanced Stage | | 12,015 | 13,085 |
| Number of 2nd Class | | 5,858 | 7,130 |
| „ 1st „ | | 1,894 | 2,453 |
| „ Failures | | 4,263 | 3,502 |
| Number who came up in Honours | | 755 | 1,000 |
| Number of 2nd Class | | 219 | 184 |
| „ 1st „ | | 100 | 54 |
| „ Failures | | 436 | 762 |
| Total number of Papers worked | | 61,796 | 62,308 |
| Total number of Successes | | 38,198 | 43,192 |
| Total number of Failures | | 23,598 | 19,116 |

The payments to teachers on the results of the examination, which in 1874 averaged 13*s.* 10*d.* per student under instruction, rose in 1875 to 16*s.* 1*d.* The number of teachers to whom payments were made being in the former year 1,422 and in the latter 1,449.

The reports of the examiners, which give many details of great service to the science teachers, have been already printed and circulated for their information and guidance. I propose here to give only such of their remarks as were of a general character and show the opinion of the examiners of the progress made in the schools.

Prof. F. A. Bradley, the examiner in Practical, Plane, and Solid Geometry, says :—

Though the results, especially in the higher stages, might have been more satisfactory, the evidences afforded by this examination of the marked and very decided improvement in the teaching could not be more satisfactory. This is especially to be noticed in the 1st stage, in which the good grounding of the students merits much approval. What is done in the 2nd stage is well done, but I am surprised at so little being done in the long time given to them. The Honours results are disappointing; a large number who have taken that stage would have been more at home in the advanced.

The examiner in Machine Construction and Drawing, Prof. Unwin, says :—

. . . . the papers sent in were as good as in previous years, and are decidedly better than they were some years since. Some candidates are still sent up for examination who do not appear to have been taught at all, but a great majority make at least a fair attempt to work the examination paper, and understand how to draw to scale. In the Honours papers many of the home-work papers were excellent. In the written paper, the answers involving practical knowledge are generally better done than those relating to theory. . . . . .

Major Seddon, R.E., the examiner in Building Construction, says :—

. . . In setting the papers, I endeavoured to follow out the views of the former examiner, Col. Wray, R.E., with whom I had been previously associated in the capacity of assistant examiner, and the result of this year's examination I look upon as being very satisfactory, both in respect of the increased number of elementary and advanced candidates, as well as the higher per-centages of classes obtained, and the lower per-centages of failures. . . . . .

There appears to be a decided improvement in the drawing, as taught during the past session, which is evident from the elementary papers being better drawn, in comparison, than either the advanced or the honours papers, that is to say, they were, as a rule, more carefully and methodically drawn. . . . .

Mr. Merrifield, in his report on the examination in Stages 1, 2, and 3 of Mathematics, says :—

I have great satisfaction in being able to report that the elementary papers were, on the whole, much better done this year than last. . . . .

In the first stage there is, on the whole, a decided improvement shown in the arithmetic. The geometry has been fairly done. The algebra, as a rule, badly.

In the second stage it appears to me that there was a falling off from the average performance of last year, and that, taken relatively, it did not show so well as the first stage. In both stages there was very little attempt at proof of rules, and many papers seemed to indicate ignorance that proof of rules was in any way necessary or to be expected. The trigonometry in the second stage was generally bad. . . . . .

In the third stage the standard this year was rather low. . . . .

The Honours paper was only taken by seven candidates. No general conclusion can be drawn from so small a number. . . . .

Mr. Savage, the examiner in stages 4, 5, 6, 7, Mathematics, says :—

"No answers were received to stage 7, or either of the Honours papers, but I am able to speak favourably of the answers in stages 5 and 6, which were better than those which I have examined in the same stages in either of the two preceding years. The answers in stage 4 were not quite so satisfactory, and many displayed a very imperfect idea even of the meaning of proportion and other simple geometrical terms."

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The examiner in Theoretical Mechanics, the Rev. Mr. Twisden, says:—

. . . . I have great pleasure in being able to state that on the whole it has proved most satisfactory; the per-centages of failures in both the advanced and elementary stages are less than in 1873, and considerably less than in 1874, while the number of candidates in the first classes is proportionately increased. I do not think this result is due to the questions being easier this year that on the two preceding years; they have been kept as nearly as possible at the same degree of difficulty. . . . .

In conclusion I must beg leave to add that . . . I am very sensible that the teachers, as a body, must have taken great pains in preparing their classes to pass an examination on the whole so satisfactory as that which I have just concluded.

Prof. Goodeve, the examiner in Applied Mechanics and Steam, says:—

. . . . I have to say that the results of the examination in Applied Mechanics and Steam were satisfactory, and that many of the papers possessed a high degree of merit. . . . .

Dr. Guthrie, acting with Dr. Tyndall as examiner in Acoustics, Light, and Heat, says:—

. . . I am very glad to be able to report (and herein I am confirmed by the gentlemen who have assisted me) that the general impression left on us after this examination is that there is a distinct improvement noticeable.

Dr. Debus, acting with Dr. Tyndall as examiner in Magnetism and Electricity, says:—

The results of the examination are on the whole very satisfactory. In both the elementary and advanced stages the number of candidates who obtained first and second classes this year is relatively greater than in 1873 and 1874. The answers returned to the different questions are very fair, and there appears now to be less cram than in former years. . . . . I stated in a former report that of the different branches of subject IX. candidates showed themselves best acquainted with frictional electricity, less so with magnetism, while their knowledge seems to be most deficient in voltaic electricity. The same observation applies to this year's examination, and I think it desirable that teachers should be acquainted with this fact.

Dr. Frankland, the examiner in Chemistry, says:—

The papers in the elementary stage are on the whole satisfactory. They show good teaching in the theoretical part of the subject, but the low per-centage of laboratory grants proves that the pupils have had very scanty opportunities of obtaining a practical knowledge of the subject. . . . . The results in the advanced stage are in the highest degree satisfactory.

Prof. Ramsay, the examiner in Geology, says:—

In many of the elementary papers the answers are far too long and diffuse and the pupils damage their position by introducing "discursive matter," contrary to the printed directions. . . . . .

*Advanced Stage.*—On the whole there is an improvement, seeing that 68·72 per cent. have passed as compared with 57·9 per cent. last year.

*Honours.*—Thirty candidates tried for honours. None of them attained a sufficient number of marks to entitle them to that distinction, but from the quality of some of their answers the first three may be favourably noticed. Some of them do very well for a question or two and then suddenly break down. . . .

Mr. Smyth, the examiner in Mineralogy, says,—

Teachers might be reminded that if students carelessly attempt on three or four out of eight questions, they run a great risk of failing; that spelling needs

attention, a large majority invariably write *fluor* instead of *fluor*; that it is objectionable to designate the systems of crystallography by numbers; that it would be desirable to study their nomenclature by taking the "Index to the Collection of Minerals at the British Museum," where a careful attention has been bestowed on the names by Mr. Maskelyne, contrasting very favourably with some of the barbarisms that appear to have been adopted as novelties elsewhere, and that when a description is asked for in the question the mere mention of a name is manifestly insufficient.

Dr. Michael Foster, acting with Prof. Huxley, as examiner in Animal Physiology, says:—

. . . As in former years, the examiner has still to complain that many teachers prefer to cram their pupils with a number of technical terms learned by rote, than to take the trouble to make them understand principles. This evil is, however, distinctly on the decrease. . . .

In the advanced stage there were a large number of good papers.

As in former years, the Honour papers were exceedingly bad, for the most part distinctly inferior to the average of the advanced stage.

On the whole, the results of the examination appear to me to be satisfactory and encouraging.

Dr. Foster also says with reference to the examination in Biology,—

In the elementary stage the papers show a very fair amount of good teaching. The bad papers as usual came in batches, and the failures were also as usual chiefly due to the teacher having tried to cram his pupils with technical terms, rather than to make them understand fundamental facts and general principles.

Mr. Smyth, the examiner in the Principles of Mining, says,—

Through a large portion of the papers, and especially in the elementary division, it is observable that a false idea of the object of these examinations prevails. No. 79,964 and a number of others, mostly Scotch colliers, seem by the notes in their papers to think they are to be rewarded if they can answer a few questions on what they have seen in their every day work, ignoring processes and apparatus belonging to other mining districts. It appears to me on the other hand that if any good is to be effected by questions on a technical subject of this kind, it must be by enlarging the views and making candidates pay attention to some of those matters which do not fall within their daily experience, but which they must learn through lectures, travel, or reading.

Dr. Percy, the examiner in Metallurgy, says,—

The elementary papers show a decided and satisfactory advance especially compared with those of two or three years ago. I perceive that certain errors uniformly pervade certain groups of papers, from which I infer that the teachers are at fault. Some of the answers are excellent, especially many which clearly proceed from workmen.

The Honours papers are far from what they ought to be with an exception or two. One great mistake students will make, that is, in their answers to questions travelling far beyond the questions, doubtless with a desire to impress the examiner with the notion that they are exceedingly clever.

Dr. Woolley, the examiner in Navigation and Nautical Astronomy, says:—

As regards the papers worked by the students I have little to add to my observations on former occasions. The same difference is still observable in the merits of the answers by candidates from different schools. On the whole I am inclined to think that the theoretical answers in the subject of Navigation are not quite so well or fully given as last year; but the shade of difference is slight and may be possibly owing to accidental causes. The ques-

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tions were purposely proposed in a form to test a real acquaintance, and I am glad to report that that test has been on the whole well stood.

As regards Nautical Astronomy, the papers, though still few, are satisfactorily worked. I am far from saying that perfection has been attained. Too many answers still show that the candidates have grasped the principles only in part. The proportion of absolute failures is small. I should have been glad to see the sextant understood more universally among the candidates than it seems to be. Considering the practical importance of this subject, which it is presumed most of the candidates will be called upon to apply at sea in responsible positions, it is to be regretted that comparatively so few among the students at Navigation schools are sufficiently well instructed in it to enable them to undergo the examination.

Professor Ansted, the examiner in Physical Geography, says,—

I beg to direct your attention to the very large number of papers cancelled owing to neglect of the instructions that three of the first four questions in the elementary and advanced papers shall be tried. I may, however, point out that in very many cases the candidate could not have passed, and that those where he would have passed creditably are very few indeed. . . . . It will I think be recognised by the large per-centage of candidates passed in the advanced stage that the paper, though not considered difficult, has rarely been attempted by candidates who ought to have confined themselves to the easier examination. The result of the examination in Honours is not very satisfactory . . . as usual there is much bad and unintelligent teaching made evident by the manner in which certain questions are answered.

It will be seen that these reports are very favourable and indicate a general steady advance in the quality of the teaching given. This is borne out by the following tables. In the first is given the results of the examination in 1875 compared with those in 1874 in absolute numbers, while the second table gives these results as per centages.

3. TABLE showing the DETAILS of SUCCESSES and FAILURES in each STAGE of each SUBJECT.

The figures in italics relate to May 1874.

| | Advanced Stage. | | | | Elementary Stage. | | | |
|---|---|---|---|---|---|---|---|---|
| | 1st Class. | 2nd Class. | Failures. | Total. | 1st Class. | 2nd Class. | Failures. | Total. |
| I. Practical, Plane, and Solid Geometry | 55 | 228 | 230 | 513 | 363 | 774 | 769 | 1,906 |
| | *64* | *147* | *124* | *332* | *448* | *569* | *646* | *1,598* |
| II. Machine Construction and Drawing | 308 | 393 | 246 | 947 | 806 | 1,115 | 932 | 2,853 |
| | *222* | *269* | *171* | *662* | *743* | *799* | *776* | *2,323* |
| III. Building Construction and Drawing | 53 | 174 | 43 | 270 | 348 | 460 | 191 | 999 |
| | *33* | *116* | *42* | *191* | *164* | *356* | *273* | *790* |
| IV. Naval Architecture | 13 | 20 | 4 | 37 | 21 | 38 | 9 | 68 |
| | *13* | *7* | *5* | *25* | *23* | *33* | *15* | *71* |
| V. Pure Mathematics | See following Table. | | | | | | | |
| VI. Theoretical Mechanics | 31 | 132 | 48 | 211 | 404 | 697 | 346 | 1,447 |
| | *23* | *139* | *87* | *249* | *172* | *640* | *466* | *1,278* |
| VII. Applied Mechanics | 34 | 90 | 50 | 174 | 74 | 242 | 153 | 469 |
| | *71* | *64* | *2* | *137* | *136* | *217* | *107* | *460* |
| VIII. Acoustics, Light and Heat | 227 | 584 | 239 | 1,050 | 1,00 | 2,192 | 1,132 | 4,330 |
| | *277* | *513* | *150* | *940* | *655* | *1,970* | *1,118* | *3,743* |
| IX. Magnetism and Electricity | 715 | 1,150 | 378 | 2,243 | 3,361 | 2,599 | 796 | 6,756 |
| | *427* | *1,105* | *175* | *1,707* | *3,041* | *2,469* | *636* | *6,146* |
| X. Inorganic Chemistry | 252 | 428 | 181 | 861 | 1,418 | 1,602 | 1,267 | 4,287 |
| | *198* | *294* | *157* | *649* | *1,398* | *1,317* | *897* | *3,612* |

| | Advanced Stage. | | | | Elementary Stage. | | | |
|---|---|---|---|---|---|---|---|---|
| | 1st Class. | 2nd Class. | Failures. | Total. | 1st Class. | 2nd Class. | Failures. | Total. |
| XI. Organic Chemistry | 40 | 25 | 5 | 70 | 119 | 51 | 21 | 191 |
| | *41* | *17* | *3* | *61* | *62* | *87* | *65* | *214* |
| XII. Geology | 39 | 273 | 142 | 454 | 240 | 911 | 959 | 2,110 |
| | *26* | *162* | *137* | *325* | *255* | *1,995* | *809* | *2,159* |
| XIII. Mineralogy | 4 | 17 | 7 | 28 | 9 | 58 | 17 | 84 |
| | *6* | *12* | *3* | *21* | *12* | *33* | *22* | *67* |
| XIV. Animal Physiology | 196 | 771 | 467 | 1,434 | 651 | 2,678 | 1,841 | 5,170 |
| | *193* | *890* | *614* | *1,697* | *308* | *2,176* | *2,635* | *5,119* |
| XV. Botany | 27 | 183 | 59 | 269 | 220 | 468 | 207 | 895 |
| | *47* | *86* | *50* | *183* | *118* | *393* | *516* | *1,027* |
| XVI. & XVII. General Biology — XVI. | 3 | 6 | 4 | 13 | 21 | 95 | 54 | 170 |
| XVII. | 4 | 10 | 7 | 21 | | | | |
| *XVI.* | *1* | *4* | *9* | *17* | *35* | *78* | *100* | *213* |
| *XVII.* | *1* | *0* | *2* | — | | | | |
| XVIII. Principles of Mining | 5 | 31 | 4 | 40 | 4 | 33 | 15 | 52 |
| | *2* | *12* | *4* | *18* | *1* | *25* | *19* | *45* |
| XIX. Metallurgy | 14 | 27 | 5 | 46 | 38 | 61 | 8 | 107 |
| | *5* | *18* | *8* | *31* | *24* | *76* | *25* | *125* |
| XX. Navigation | 35 | 55 | 16 | 106 | 43 | 72 | 26 | 141 |
| | *8* | *53* | *13* | *74* | *79* | *108* | *25* | *212* |
| XXI. Nautical Astronomy | 5 | 22 | 3 | 30 | 20 | 38 | 4 | 62 |
| | *8* | *17* | — | *25* | *13* | *17* | *5* | *40* |
| XXII. Steam | 47 | 125 | 30 | 202 | 100 | 377 | 173 | 650 |
| | *27* | *105* | *31* | *163* | *96* | *330* | *174* | *600* |
| XXIII. Physical Geography | 218 | 1,857 | 828 | 2,903 | 1,053 | 5,858 | 3,365 | 10,276 |
| | *46* | *1,040* | *1,831* | *2,917* | *713* | *5 6* | *6,772* | *13,151* |
| Total | 2,325 | 6,601 | 2,996 | 11,922 | 10319 | 20,419 | 12,285 | 43,023 |
| | *1,786* | *5,070* | *3,618* | *10,424* | *8,468* | *18,454* | *16,071* | *42,993* |

| | Stages. | 1st Class. | 2nd Class. | Failures. | Total. |
|---|---|---|---|---|---|
| V. Pure Mathematics | 1 | 793 | 1,840 | 2,567 | 5,200 |
| | | *534* | *2,671* | *2,828* | *6,033* |
| | 2 | 75 | 418 | 418 | 911 |
| | | *126* | *690* | *532* | *1,348* |
| | 3 | 26 | 46 | 38 | 110 |
| | | *6* | *38* | *77* | *121* |
| | 4 | 18 | 45 | 40 | 103 |
| | | *16* | *38* | *24* | *78* |
| | 5 | 3 | 11 | 4 | 18 |
| | | *5* | *10* | *4* | *19* |
| | 6 | 6 | 9 | 6 | 21 |
| | | *5* | *11* | *8* | *24* |
| | 7 | — | — | — | — |
| | | — | *1* | — | *1* |
| Total | — | 921 | 2,369 | 3,073 | 6,363 |
| | — | *692* | *3,459* | *3,473* | *7,624* |

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4. TABLE showing the PER-CENTAGES of SUCCESSES and FAILURES in each STAGE of each SUBJECT.

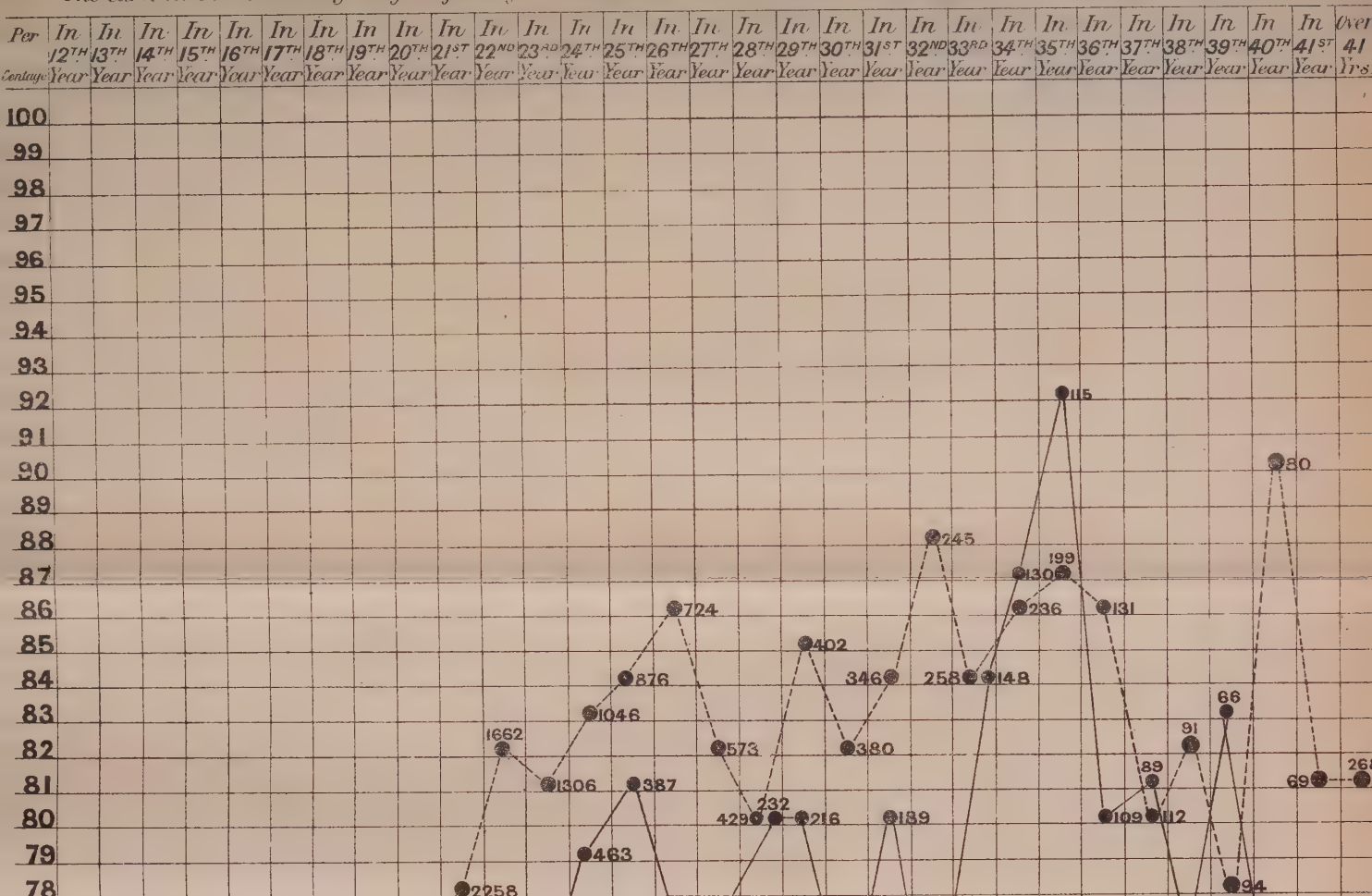
The figures in italics relate to May 1874.

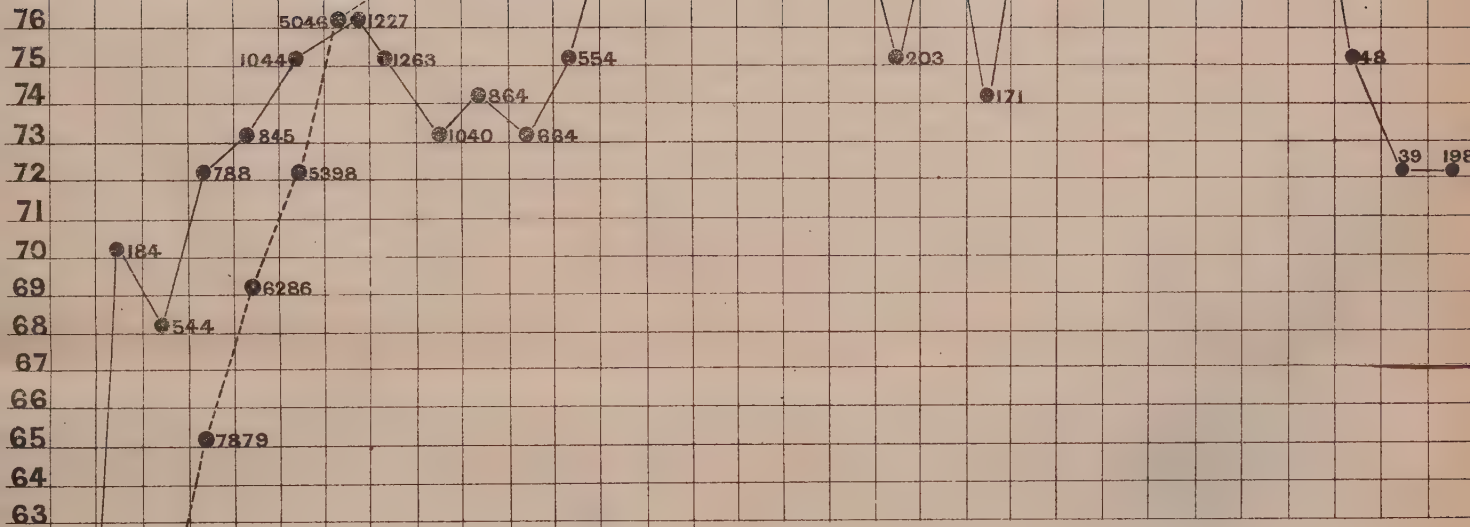
| | Advanced Stage. | | | Elementary Stage. | | |
|---|---|---|---|---|---|---|
| | 1st Cl. | 2nd Cl. | Failures. | 1st Cl. | 2nd Cl. | Failures. |
| I. Practical, Plane, and Solid Geometry | 10·72<br>*18·37* | 44·45<br>*44·27* | 44·83<br>*37·35* | 19·05<br>*25·84* | 40·61<br>*35·60* | 40·34<br>*38·54* |
| II. Machine Construction and Drawing | 32·52<br>*38·53* | 41·50<br>*40·63* | 25·97<br>*25·83* | 28·25<br>*32·19* | 39·08<br>*34·40* | 32·66<br>*33·40* |
| III. Building Construction and Drawing | 19·62<br>*17·27* | 64·44<br>*60·73* | 15·93<br>*21·99* | 34·33<br>*20·36* | 46·04<br>*45·06* | 19·12<br>*34·55* |
| IV. Naval Architecture | 35·13<br>*52·00* | 54·05<br>*28·00* | 10·81<br>*20·00* | 30·88<br>*32·40* | 55·88<br>*46·48* | 13·23<br>*21·12* |
| V. Pure Mathematics | See following Table. | | | | | |
| VI. Theoretical Mechanics | 14·69<br>*9·28* | 62·56<br>*55·82* | 22·75<br>*34·94* | 27·92<br>*13·45* | 48·17<br>*50·08* | 23·91<br>*36·47* |
| VII. Applied Mechanics | 19·54<br>*51·82* | 51·72<br>*46·71* | 28·74<br>*1·47* | 15·79<br>*29·56* | 51·59<br>*47·18* | 32·62<br>*23·26* |
| VIII. Acoustics, Light and Heat | 21·62<br>*29·46* | 55·62<br>*54·58* | 22·76<br>*15·96* | 23·24<br>*17·50* | 50·62<br>*52·68* | 26·14<br>*29·86* |
| IX. Magnetism and Electricity | 31·88<br>*25·01* | 51·27<br>*64·73* | 16·85<br>*10·25* | 49·75<br>*49·47* | 38·47<br>*40·47* | 11·78<br>*10·35* |
| X. Inorganic Chemistry | 29·27<br>*30·50* | 49·71<br>*45·30* | 21·02<br>*24·19* | 33·08<br>*38·70* | 37·37<br>*36·46* | 29·55<br>*24·84* |
| XI. Organic Chemistry | 57·14<br>*67·21* | 35·72<br>*27·87* | 7·14<br>*4·92* | 62·30<br>*28·97* | 26·70<br>*40·65* | 11·00<br>*30·37* |
| XII. Geology | 8·59<br>*8·00* | 60·13<br>*49·35* | 31·28<br>*42·45* | 11·37<br>*11·81* | 43·18<br>*50·72* | 45·45<br>*37·47* |
| XIII. Mineralogy | 14·29<br>*28·57* | 60·71<br>*57·15* | 25·00<br>*14·28* | 10·71<br>*17·92* | 69·05<br>*49·25* | 20·24<br>*32·83* |
| XIV. Animal Physiology | 13·67<br>*6·01* | 53·76<br>*42·51* | 32·57<br>*51·48* | 12·59<br>*11·37* | 51·80<br>*52·45* | 35·61<br>*36·18* |
| XV. Botany | 10·04<br>*11·49* | 68·03<br>*38·27* | 21·93<br>*50·24* | 24·58<br>*25·68* | 52·29<br>*47·00* | 23·13<br>*27·32* |
| XVI. & XVII. General Biology — XVI. | 23·07 | 46·15 | 30·77 | 12·35 | 55·88 | 31·77 |
| XVII. | 19·05 | 47·61 | 33·33 | | | |
| XVI. | *7·14* | *28·57* | *64·28* | *11·76* | *23·53* | *64·70* |
| XVII. | *33·33* | — | *66·66* | | | |
| XVIII. Principles of Mining | 12·50<br>*2·92* | 77·50<br>*55·55* | 10·00<br>*42·23* | 7·69<br>*11·11* | 63·46<br>*66·66* | 28·85<br>*22·22* |
| XIX. Metallurgy | 30·43<br>*19·20* | 58·70<br>*60·80* | 10·87<br>*20·00* | 35·51<br>*16·13* | 57·01<br>*58·07* | 7·48<br>*25·80* |
| XX. Navigation | 33·02<br>*37·26* | 51·89<br>*60·94* | 15·09<br>*11·80* | 30·50<br>*10·84* | 51·06<br>*71·62* | 18·44<br>*17·57* |
| XXI. Nautical Astronomy | 16·66<br>*45·00* | 73·33<br>*42·50* | 10·00<br>*12·50* | 32·26<br>*32·00* | 61·29<br>*68·00* | 6·45<br>— |
| XXII. Steam | 23·27<br>*16·00* | 61·88<br>*55·00* | 14·85<br>*29·00* | 15·38<br>*16·56* | 58·00<br>*64·42* | 26·61<br>*19·01* |
| XXIII. Physical Geography | 7·51<br>*5·41* | 63·97<br>*45·08* | 28·52<br>*51·50* | 10·25<br>*1·37* | 57·01<br>*35·66* | 32·74<br>*62·77* |
| Total | 19·50<br>*16·65* | 55·36<br>*48·64* | 25·13<br>*34·71* | 23·98<br>*19·70* | 47·46<br>*42·92* | 28·55<br>*37·33* |

# DIAGRAM SHOWING THE RELATION BETWEEN THE SUCCESS AND THE

## AGE OF STUDENTS IN SCHOOLS TAUGHT BY FAIRLY QUALIFIED TEACHERS DURING THE SESSIONS 1873, 1874, 1875.

*The Curve for the Elementary Stage is given by a dotted line, That for the Advanced Stage by a continuous line*






This Diagram is framed on the combined results of 1873–74 and 75 in those schools in which the instruction is known to be fairly good. The ages are taken along the horizontal, and the per-centage of success at those ages along the vertical lines. That is to say, in each vertical column under the 12th, 13th, 14th, &c. year, the horizontal line is taken which corresponds with the per-centage (shown in the column on the left) of candidates successful in that year of their age. The numbers given at the various points of each curve represent the number of candidates examined of the age indicated at the head of the column; and it was by taking the per-centage of this number of candidates who were successful that the point in the curve was fixed. Thus, in the several schools selected, the number of students between 16 and 17 years of age who came up in the elementary stage of any subject during the years 1873–74 and 75 was 5,398. Of these, 72 per cent. passed in the 1st or 2nd class; 1,044 students of the same age came up in the advanced stage, and 75 per cent. passed.

| | Stages. | 1st Class. | 2nd Class. | Failures. |
|---|---|---|---|---|
| V. Pure Mathematics - - - | 1 | 15·26 | 35·38 | 49·36 |
| | | *8·85* | *44·27* | *46·87* |
| | 2 | 8·24 | 45·88 | 45·88 |
| | | *9·35* | *51·18* | *39·47* |
| | 3 | 23·63 | 41·82 | 34·55 |
| | | *4·96* | *31·40* | *63·64* |
| | 4 | 17·48 | 43·69 | 38·83 |
| | | *20·54* | *48·72* | *30·77* |
| | 5 | 16·67 | 61·11 | 22·22 |
| | | *26·32* | *52·63* | *21·05* |
| | 6 | 28·57 | 42·86 | 28·57 |
| | | *20·83* | *45·83* | *33·33* |
| | 7 | — | — | — |
| | | — | *100·00* | — |
| Total - - - | — | 14·47 | 37·23 | 48·29 |
| | — | *9·08* | *45·37* | *45·55* |

With a view of providing some reliable information as to the age at which students might with advantage be taught Science I last year gave a diagram (22nd Report p. 13) showing the relation between success and age, prepared from the results of the examinations in 1873 and 1874. This diagram was founded on all the results from all the schools indiscriminately. It therefore was only correct as far as giving the average results of the general teaching in schools and classes under the Department. In order to obtain reliable data as to real relation between the age of the pupil and his power of receiving scientific instruction, it is evident that it is necessary to remove those results which may be vitiated by inefficient teaching. For the diagram given this year then, only those schools have been taken in which we know, from the fact of the teacher having been trained to a certain extent, of the school having been well reported on, &c., that the pupils had been fairly well instructed. It must be understood that these are not the results of the few best schools, but of such as may be considered fairly good at the present time and with the opportunities the teachers have as yet had of being trained. As might be expected the curve is generally higher than that given last year. Thus, of 9,850 candidates presented in all the schools in 1873 and 1874 in their 13th year in the elementary stage 44 per cent. passed, while of 6,235 in the selected schools, in 1873, 1874, and 1875, 56 per cent. passed. This is very satisfactory; for it shows even more clearly than the curves given last year that "notwithstanding the "accidents and difficulties inherent in examinations, they may with "proper care be employed as a thoroughly dependable test of the work "of instruction."

The Summer Courses for Teachers in 1875 in the Science Schools at South Kensington were, in Chemistry (59 Teachers); Light (31); Heat (30); Mechanics (21); Geometrical Drawing (28); Machine Construction and Drawing (36). These 205 Teachers were selected from 499, and with few exceptions were reported by the Professors to have worked exceedingly well and benefited greatly by their instruction, short though the courses must necessarily be.

Out of 151 applicants to attend the longer winter courses of the Royal School of Mines, 16 were selected to go through the Chemical Course, 8 the Biological, 11 the Physical, 11 the Mechanical, and 23 the special course in Botany given in March and April.

Appendix B.

MAJOR DONNELLY'S REPORT.

The number of competitors for the Royal Exhibitions to the Royal School of Mines and to the Royal College of Science in Dublin increased to 60 from 54 the year before. A high standard of attainment is maintained for these Exhibitions, and it is very satisfactory to find that the method of selection is very successful. The successful candidates afterwards, with few exceptions, eventually take the highest places in the final examinations of the Royal School of Mines and of the Royal College of Science.

The Local Exhibitions formed by a local contribution of 25*l.* which is supplemented by an equal amount from the Science and Art Department show a slight increase in number, 2 were established last year as against 2 the year before and 4 were renewed.

The number of Elementary School and the Science and Art Scholarships formed by a local contribution of 5*l.*, which is supplemented by the Science and Art Department in the former case by 5*l.* and the latter by 10*l.*, also show a slight increase.

There were 55 elementary school scholarships as against 35 the year before, and 59 Science and Art scholarships as against 47. Considering the immense stimulus that may thus be afforded to science teaching and the good that may be done by enabling poor but deserving and promising lads to pursue their studies, it is astonishing that more advantage is not taken of this system of bursaries to which such liberal aid is afforded by the State.

The grants towards the purchase of apparatus amounted to 1,043*l.* 9*s.* 10*d.* In the previous year they amounted to 853*l.* 15*s.* 3½*d.* Laboratory grants were made to 86 schools amounting to 611*l.* This was a considerable increase on the previous year when 65 schools earned 507*l.* 10*s.*

In my last Report, p. 12, I pointed out that the restrictions then recently imposed by Sir J. Whitworth's desire, in the competitions for his scholarships had reduced the number of competitors from 74 in 1873, to 64 in 1874. Last year there were only 48 competitors, of whom 33 passed the theoretical examination as against 36 the year before.

Numerous applications were made for the collections of apparatus prepared for circulation to country schools, and they were sent to 72 institutions, &c. On the next page I give a list of the officers of Royal Engineers who were employed as in previous years in inspecting for the Science and Art Department. At p. 16 a list of the Royal Exhibitioners. This is followed by a list of the candidates successful in obtaining Whitworth scholarships in 1875 and the results of the examination in 1875 of those scholars appointed in 1874. This was the first year in which this examination system came into force. It is too soon yet to give any opinion on its working. To these succeed at p. 17 a list of the local exhibitions and scholarships and at p. 20 of the gold medallists. The schools obtaining laboratory grants are given at p. 22. After which come at p. 26 the list of Science schools examined in May 1875, showing the number of students under instruction in 1874 and 1875, with the prizes and medals obtained by each school in those years, and the fees received from students during the Session 1874–5. The table showing the classes, subjects taught, and number of students in each subject in these Science schools in January 1875 is given at p. 50.

The payments on results to each school and teacher will be found at p. 112, and an alphabetical list of the teachers at p. 147. The schools closed between May 1874 and May 1875 are given at p. 157.

J. F. D. DONNELLY, Major, R.E.

Appendix B.

ENGINEER OFFICERS EMPLOYED AS ACTING INSPECTORS.

(*a.*) LIST of OFFICERS of ROYAL ENGINEERS who have been employed in PRELIMINARY INSPECTIONS OF SCIENCE and ART CLASSES during the year 1875. Showing the District and the Number of Classes Inspected by each Officer.

| Rank and Name of Officer. | District Inspected. | Number of Classes Inspected. |
|---|---|---|
| | ENGLAND. | |
| Col. W. L. Morrison - | Eastern Counties - - | 30 |
| Bt. Col. E. Belfield - - | Lancashire - - - | 19 |
| Lieut.-Col. G. H. Gordon - | „ - - - | 34 |
| Bt. Lieut.-Col. W. E. Warrand. | Northumberland - - | 25 |
| Lieut.-Col. W. D. Marsh - | Kent - - - - | 11 |
| Bt. Col. G. Graham, V.C., C.B. | Yorkshire - - - - | 48 |
| Major J. M. C. Drake - | Derbyshire and Staffordshire - | 29 |
| „ L. A. Hale - - | Kent - - - - | 12 |
| „ A. R. Lempriere - | Leicestershire and Warwickshire | 21 |
| „ E. O. Hewett - | Hampshire - - - | 2 |
| „ F. A. Marindin - | Norfolk - - - - | 7 |
| „ J. M. H. Maitland - | Devonshire - - - | 33 |
| Bt. Lieut.-Col. E. T. Brooke | Cornwall - - - - | 18 |
| „ „ R. Harrison - | Devonshire and Cornwall - | 12 |
| Major E. H. Courtney - | Surrey - - - - | 7 |
| „ R. Bullen - - | Hampshire and Wiltshire - | 12 |
| „ H. Locock - - | Devonshire - - - | 5 |
| „ E. F. S. Lloyd - | Lancashire - - - | 50 |
| „ R. O. Jones - - | Cheshire and Wales - - | 12 |
| „ V. G. Clayton - | Worcestershire - - - | 33 |
| Capt. W. S. Boileau - | Lancashire, Cumberland, Durham, Nottinghamshire and Yorkshire. | 29 |
| „ A. C. Hamilton - | Warwickshire - - - | 54 |
| „ G. V. Sivewright - | Wales - - - - | 3 |
| „ H. F. Turner - | Eastern Counties - - | 6 |
| „ H. Tovey - - | Hampshire - - - | 4 |
| „ H. A. Gun - - | Lancashire - - - | 16 |
| „ C. J. Russell - - | Dorsetshire - - - | 1 |
| „ G. Harris - - | London - - - - | 15 |
| „ L. J. G. Ferrier - | Oxfordshire - - - | 17 |
| „ A. C. C. Mackenzie - | Yorkshire - - - | 52 |
| „ A. Hill - - | Somersetshire and Wales - | 19 |
| „ F. W. Nixon - - | Gloucestershire and Somersetshire. | 31 |
| „ H. G. Pilleau - - | Essex, Hertfordshire, and Middlesex. | 45 |
| Lieut. G. W. Archer - | Derbyshire - - - | 29 |
| „ A. B. McHardy - | London - - - - | 20 |
| „ B. Lowsley - - | Lancashire - - - | 42 |
| „ F. Q. Edmondes - | Yorkshire - - - | 54 |
| „ A. R. Puzey - - | Lancashire - - - | 19 |
| „ E. C. S. Moore - | Dorsetshire - - - | 11 |
| „ J. C. Barker - - | Worcestershire - - | 19 |
| „ C. Wilkinson - | Northamptonshire - - | 12 |
| „ R. Thompson - | Bedfordshire - - - | 6 |

Appendix B.

ENGINEER OFFICERS EMPLOYED AS ACTING INSPECTORS.

| Rank and Name of Officer. | District inspected. | Number of Classes Inspected. |
|---|---|---|
| | SCOTLAND. | |
| Lieut.-Col. W. C. Phillpotts | East Scotland | 14 |
| Capt. E. G. Clayton | North-east Scotland | 12 |
| „ H. J. W. Gehle | Mid-Scotland | 17 |
| „ A. J. Hepper | Edinburgh | 16 |
| Lieut. H. H. Cole | North-east Scotland | 11 |
| „ H. P. Kirkwood | South-west Scotland | 14 |
| „ R. M. Barklie | „ „ | 8 |
| | IRELAND. | |
| Col. T. A. L. Murray | County Armagh | 19 |
| Bt. Col. G. S. Tilly | Province of Ulster | 13 |
| Lieut.-Col. B. A. Wilkinson | County Monaghan | 7 |
| „ R. Warren | „ Cork | 6 |
| Major H. W. H. D. Dumaresq | Province of Munster | 4 |
| „ A. T. Storer | „ „ | 2 |
| „ E. Mitchell | County Antrim | 60 |
| „ F. B. Mainguy | „ Cork | 4 |
| „ R. Barton | „ Waterford | 2 |
| Capt. B. Brine | Province of Connaught | 4 |
| „ R. W. Stewart | Counties Donegal and Tyrone | 15 |
| „ H. S. Sitwell | Province of Leinster | 16 |
| „ C. J. Russell | Ulster | 21 |
| Lieut. H. P. C. Dillon | County Cork | 1 |

(*b.*) LIST of OFFICERS of ROYAL ENGINEERS who have been employed in the INSPECTION of EXAMINATIONS OF SCIENCE and ART CLASSES during the year 1874. Showing the District visited and the Number of Examinations inspected by each Officer.

| Rank and Name of Officer. | District Inspected. | Number of Examinations Inspected. |
|---|---|---|
| | ENGLAND. | |
| Major-Gen. H. W. Montagu, C. B. | Northumberland and Durham | 18 |
| Col. F. C. Hassard, C.B. | Kent | 3 |
| „ J. M. Grant | Yorkshire | 19 |
| „ W. L. Morrison | Eastern Counties | 15 |
| Bt. Col. E. Belfield | Lancashire | 21 |
| Lieut.-Col. G. H. Gordon | „ | 22 |
| „ A. Leahy | Kent | 11 |
| Bt. Lieut.-Col. W. E. Warrand. | Northumberland | 7 |
| Lieut.-Col. W. D. Marsh | Kent | 15 |

Appendix B.

ENGINEER OFFICERS EMPLOYED AS ACTING INSPECTORS.

| Rank and Name of Officer. | District Inspected. | Number of Examinations Inspected. |
|---|---|---|
| Bt. Col. G. Graham, V.C., C.B. | Yorkshire | 24 |
| Major J. M. C. Drake | Derbyshire and Staffordshire | 14 |
| „ A. R. Lempriere | Leicestershire and Warwickshire | 17 |
| „ C. P. Carey | Kent | 7 |
| „ F. A. Marindin | Norfolk | 6 |
| „ M. J. Wheatley | Cheshire and Lancashire | 11 |
| Bt. Lieut.-Col. H. N. D. Prendergast, V.C. | Derbyshire and Nottinghamshire | 14 |
| Major J. M. H. Maitland | Devonshire | 21 |
| „ W. A. Frankland | Wales | 11 |
| „ F. A. Howes | Cornwall | 13 |
| Bt. Lieut.-Col. E. T. Brooke | „ | 14 |
| „ R. Harrison | „ and Devon | 6 |
| Major E. H. Courtney | Surrey | 10 |
| „ R. Bullen | Hampshire and Wiltshire | 14 |
| „ H. Locock | Devonshire | 7 |
| „ F. B. Mainguy | Derbyshire and Nottinghamshire | 13 |
| „ E. F. S. Lloyd | Lancashire | 27 |
| „ R. O. Jones | Cheshire and Wales | 12 |
| Capt. W. S. Boileau | North Wales | 14 |
| „ B. H. Melville | Kent | 3 |
| „ W. Merriman | Eastern Counties | 5 |
| „ G. V. Sivewright | Wales | 6 |
| „ W. H. Pierson | Kent | 4 |
| „ H. F. Turner | Eastern Counties | 8 |
| „ H. Tovey | Hampshire | 11 |
| „ E. T. Wynne | Buckinghamshire, Berkshire, Hampshire, Oxfordshire, and Surrey. | 12 |
| „ H. A. Gun | Lancashire | 18 |
| „ C. J. Russell | Dorsetshire | 14 |
| „ J. M. Morgan | Norfolk | 8 |
| „ L. J. G. Ferrier | Oxfordshire | 10 |
| „ A. C. C Mackenzie | Yorkshire | 30 |
| „ A. Hill | Gloucestershire, Somersetshire, and Wiltshire. | 14 |
| „ F. W. Nixon | Gloucestershire and Somersetshire | 13 |
| „ H. G. Pilleau | Essex, Hertfordshire, and Middlesex. | 26 |
| „ R. J. H. Parker | Yorkshire | 20 |
| „ T. Fraser | Kent | 9 |
| Lieut. G. W. Archer | Derbyshire | 22 |
| „ A. B. McHardy | Warwickshire | 21 |
| „ B. Lowsley | Lancashire | 34 |
| „ A. C. Alexander | „ | 12 |
| „ M. Greer | Essex | 6 |
| „ E. C. S. Moore | Dorsetshire | 9 |
| „ H. A. Yorke | Lancashire | 25 |
| „ A. Porcelli | Cornwall | 13 |
| „ C. Wilkinson | Northamptonshire | 16 |
| „ G. F. Mann | Staffordshire | 13 |
| „ R. Thompson | Bedfordshire | 12 |
| „ H. L. Wells | Devonshire | 9 |
| „ H. D. Love | Lancashire | 8 |
| „ J. C. Tyler | Eastern Counties | 2 |

Appendix B.

ENGINEER OFFICERS EMPLOYED AS ACTING INSPECTORS.

| Rank and Name of Officer. | District Inspected. | Number of Examinations Inspected. |
|---|---|---|
| | SCOTLAND. | |
| Lieut.-Col. W. C. Phillpotts | East Scotland | 13 |
| Capt. H. J. W. Gehle | Mid „ | 19 |
| „ A. J. Hepper | Edinburgh | 16 |
| Lieut. H. P. Kirkwood | South-west Scotland | 17 |
| „ W. F. Spaight | East Scotland | 11 |
| „ W. A. H. Hare | North „ | 13 |
| „ R. M. Barklie | South-west Scotland | 14 |
| „ F. W. Bennet | East Scotland | 10 |
| | IRELAND. | |
| Col. T. A. L. Murray | Province of Leinster | 6 |
| Bt. Col. G. S. Tilly | „ Ulster | 3 |
| Lieut.-Col. B. A. Wilkinson | County Monaghan | 3 |
| „ R. Warren | „ Cork | 3 |
| Bt. Lieut. Col. W. Butler Gosset. | Province of Leinster | 1 |
| Major E. Mitchell | County Antrim | 33 |
| „ R. Barton | „ Waterford | 1 |
| Capt. B. Brine | Province of Connaught | 4 |
| „ R. W. Stewart | County Cork | 2 |
| „ H. S. Sitwell | Province of Leinster | 8 |
| „ W. H. Mulloy | „ „ | 3 |
| Lieut. H. P. C. Dillon | County Cork | 1 |
| „ C. F. C. Beresford | Province of Ulster | 2 |
| „ G. R. Walker | „ „ | 7 |
| „ E. J. Bor | „ Munster | 3 |

LIST OF ROYAL EXHIBITIONERS.

5. LIST of CANDIDATES who have been successful in obtaining ROYAL EXHIBITIONS of 50*l.* per Annum each for Three Years, and Free Admission to the Course of Instruction at the following Institutions:—

*a.* The ROYAL SCHOOL of MINES, Jermyn Street, London.

| Name. | Age. | Occupation. | Address. |
|---|---|---|---|
| Gray, John | 21 | Engineer | Strichen, N. B. |
| Mills, Frederick G. | 14 | Student | London. |
| Holgate, Thomas E. | 20 | Farmer | Blackburn. |

*b.* The ROYAL COLLEGE of SCIENCE, Dublin.

| Name. | Age. | Occupation. | Address. |
|---|---|---|---|
| Hutchinson, C. C. | 21 | Engineer | Leeds. |
| Hatfield, Henry | 20 | Student | Stockport. |
| Whittaker, Thomas | 18 | Clerk | Accrington. |

6. (*a.*) Candidates successful in the Competition for the Whitworth Scholarships, 1875.

| Name. | Age. | Occupation. | Address. | No. of Marks. | | Total. |
|---|---|---|---|---|---|---|
| | | | | Theoretical. | Practical. | |
| Harrison, Joseph - | 21 | Mechanical engineer | Hyde - - | 1,315 | 926 | 2,241 |
| Goodwin, George - | 20 | " " | London - | 1,268 | 790 | 2,058 |
| Alldred, John - - | 21 | Locomotive engine fitter. | Wolverton - | 634 | 992 | 1,626 |
| Garside, Franklin - | 20 | Pattern maker - | Oldham - | 906 | 715 | 1,621 |
| Dick, Frank W. - - | 21 | Mechanical engineer | Glasgow - | 1,214 | 379 | 1,593 |
| Poole, Joseph - - | 20 | Fitter and turner - | Dudley - | 892 | 673 | 1,565 |
| *Muckley, James - | 21 | Engineer - - | Crewe - | 1,130 | 425 | 1,555 |

* Appointed for two years only to fill a vacancy.

(*b.*) Examination for Whitworth Scholarship Prizes, 1875.

| Name. | Marks obtained. | | | Prize awarded. |
|---|---|---|---|---|
| | Theory. | Practice. | Total. | |
| Martin, William - | 1,735 | 1,224 | 2,959 | First prize, 100*l.* |
| Sisson, William - - | 2,364 | 530 | 2,894 | Second prize, 80*l.** |
| Daltry, Thomas L. - | 1,747 | 551 | 2,298 | Third prize, 50*l.* |
| Sloan, Robert A. - - | 1,941 | 230 | 2,171 | Fourth prize, 40*l.* |
| Stubbs, Frederick - - | 1,614 | 336 | 1,950 | Fifth prize, 30*l.* |

* Specially increased to 80*l.* for the great advance made since he obtained the Scholarship.

7. List of Local Scholarships and Exhibitions granted for the Year 1875–76.



| Town. | School. | No. held. | Name and Address of Correspondent. |
|---|---|---|---|
| **ELEMENTARY SCHOOL SCHOLARSHIPS.** | | | |
| England and Wales. | | | |
| Ashton-under-Lyne. | Albion Day School - | 8 | T. Hyslop, Manchester and Liverpool District Bank, Ashton-under-Lyne. |
| Bewdley - | Bewdley and Wribbenhall British School. | 1 | W. Binns, Esq., Habberly Road, Bewdley. |
| Halifax - | Haley Hill Factory School. | 3 | George Gibb, Esq., Haley Hill, Halifax. |
| Hull - - | Beverley Road Wesleyan School. | 3 | T. R. Smith, Esq., 10, Crown Terrace, Anlaby Road, Hull. |
| Keighley - | School of Science and Art. | 2 | T. Carrodus, Esq., School of Science and Art, Keighley. |
| Llanelly - | Copper Works School - | 9 | H. Bevan, Esq., Park Street, Llanelly. |
| London - | Bethnal Green, Abbey Street British School. | 1 | T. F. Reeve, Esq., Brewery, Spitalfields. |
| " | Bethnal Green, Church Row National School. | 2 | W. C. Avenell, Esq., Squirries Street, Bethnal Green. |

Appendix B.

LOCAL SCHOLARSHIPS AND EXHIBITIONS.

| Town. | School. | No. held. | Name and Address of Correspondent. |
|---|---|---|---|
| Manchester - | St. Mark's School, Hulme. | 1 | S. Rains, Esq., 36, Cavendish Street, Manchester. |
| Sheffield - | St. Mary's Boys' School | 2 | Rev. C. E. Lamb, St. Mary's Vicarage, Sheffield. |
| Sherborne - | British School, Long Street. | 1 | E. M. Kingdon, Esq., Cheap Street, Sherborne. |
| SCOTLAND. | | | |
| Campbeltown | Grammar School - | 2 | D. M. Maxtone, Esq., Campbeltown. |
| Dumbarton - | Burgh Academy - - | 5 | T. Thomson, Esq., 1, Strathleven Place, Dumbarton. |
| Glasgow - | Church of Scotland Normal School. | 7 | G. W. Snodgrass, Esq., Ch. of Scot. Training College, Dundas Vale, Glasgow. |
| Kingussie - | Public School - - | 2 | Rev. K. A. Mackenzie, The Manse, Kingussie. |
| Newtonmore - | Public School - - | 2 | Rev. K. A. Mackenzie, The Manse, Kingussie. |
| Torphins - | Public School - - | 2 | W. Adams, Esq., Inchley, Torphins. |
| IRELAND. | | | |
| Hillsborough - | Boys' School - - | 1 | W. J. Beckwith, Esq., Hillsborough, R.S.O. co. Down. |
| Sligo - | St. John's School, Chapel Street. | 1 | J. J. McElhenny, Esq., 12, Castle Street, Sligo. |

## SCIENCE AND ART SCHOLARSHIPS.

| | | | |
|---|---|---|---|
| ENGLAND AND WALES. | | | |
| Banbury - | Cherwell British School | 2 | G. A. Hewett, Esq., Oxford Road, Banbury. |
| Bewdley - | Bewdley and Wribbenhall British School. | 1 | W. Binns, Esq., Habberley Road, Bewdley. |
| Cheltenham - | Christ Church National School, Lansdown. | 1 | J. Middleton, Esq., Westholme, Cheltenham. |
| „ - | Parish Church Boys' School. | 3 | Rev. R. Ward, 5, St. Margaret's Terrace, Cheltenham. |
| Derby - - | Wesleyan School, Canal Street. | 1 | L. Haslehurst, Esq., 94, Canal Street, Derby. |
| „ - - | Wesleyan School, King Street. | 1 | J. Crossley, Esq., Uttoxeter New Road, Derby. |
| Devonport - | National School (Higher School). | 1 | J. P. Goldsmith, Esq., 27, Ker Street, Devonport. |
| „ - | National School (Lower School). | 1 | J. P. Goldsmith, Esq., 27, Ker Street, Devonport. |
| „ - | St. James' School, Keyham. | 2 | Rev. J. A. Bullen, The Vicarage, Keyham, Devonport. |
| Eckington - | Board School - - | 4 | R. Booth, Esq., School Board Office, Eckington, Chesterfield. |
| „ - | Ridgeway Board School | 1 | S. Fisher, Esq., Ridgeway, near Chesterfield. |
| Keighley - | School of Science and Art. | 2 | T. Carrodus, Esq., School of Science and Art, Keighley. |

| Town. | School. | No. held. | Name and Address of Correspondent. |
|---|---|---|---|
| Llanelly - | Copper Works School - | 5 | H. Bevan, Esq., Park Street, Llanelly. |
| London - - | Bethnal Green National School. | 2 | W. C. Avenell, Esq , 63, Squirries Street, Bethnal Green. |
| ,, - - | Bow, Old Ford Road School. | 2 | R. D. Sparks, Esq., 28, Stafford Road, Bow. |
| ,, - - | Islington School of Science and Art. | 3 | H. J. Wheatley, Esq., 49, Dame Street, Islington. |
| ,, - - | Peckham Wesleyan School, Stafford Street. | 1 | E. Rowse, Esq., Gordon Road, Peckham. |
| ,, - - | South Islington and Pentonville British School. | 1 | J. Hughes, Esq., 7, Queen Victoria Street, E.C. |
| Manchester - | St. Wilfrid's R. C. School. | 1 | J. Fairhurst, Esq., 12, Cavendish Street, Chorlton-on-Medlock. |
| Northampton - | Waterloo Trade School | 1 | J. B. Hensman, Esq., Guild hall, Northampton. |
| Nottingham - | St. Saviour's Boys' School. | 1 | J. Froggatt, Esq., 27, Glebe Street, Nottingham. |
| Oxford - - | Wesleyan Boys' School, Bulwarks Lane. | 3 | Thos. Howard, Esq., 71, Observatory Street, Oxford. |
| Rochdale - | Parish Church School - | 1 | Rev. J. H. R. Shillito, Kilnerdyne Terrace, Rochdale. |
| Sheffield - | St. Mary's Boys' School | 1 | Rev. C. E. Lamb, St. Mary's Vicarage, Sheffield. |
| Sherborne Abbey. | Boys' National School - | 1 | Rev. W. H. Lyon, Sherborne. |
| Southampton - | Hartley Institution - | 1 | R. Chipperfield, Esq., 50, Oxford Street, Southampton. |
| Torquay - | British School, Abbey Road. | 1 | T. Weeks, Esq., 8, Vaughan Parade, Torquay. |
| SCOTLAND. | | | |
| Beith - - | Public School - - | 1 | A. Stewart, Esq., Commercial Bank of Scotland, Beith. |
| Dumbarton - | Burgh Academy - - | 5 | Thomas Thomson, Esq., 1, Strathleven Place, Dumbarton. |
| Edinburgh - | St. James' Episcopal School. | 2 | J. M. McCandlish, Esq., 22, St. Andrew's Square, Edinburgh. |
| Glasgow - - | Church of Scotland Normal School. | 2 | G. W. Snodgrass, Esq., Ch. of Scotland Normal School, New City Road, Glasgow. |
| Kingussie - | Public School - - | 3 | Rev. K. A. McKenzie, The Manse, Kingussie. |
| IRELAND. | | | |
| Sligo - - | St. John's School, Chapel Street. | 1 | J. J. McElhenny, Esq., 12, Castle Street, Sligo. |

## LOCAL EXHIBITIONS.

| | | | |
|---|---|---|---|
| ENGLAND AND WALES. | | | |
| Crewe - - | Mechanics' Institution - | 1 | R. C. Stapley, Esq., Mechanics' Institute, Crewe. |
| Oldham - | School of Science and Art. | 1 | T. Bailey, Esq., The Lyceum, Oldham. |

Appendix B.

LOCAL SCHOLARSHIPS AND EXHIBITIONS.

| Town. | School. | No. held. | Name and Address of Correspondent. |
|---|---|---|---|
| SCOTLAND. | | | |
| Dumbarton - | Burgh Academy - - | 1 | T. Thomson, Esq., 1, Strathleven Place, Dumbarton. |
| Gartsherrie - | Academy - - - | 1 | W. Jardine, Esq., Iron Works, Coatbridge, N.B. |
| IRELAND. | | | |
| Belfast - | St. George's Lecture Hall. | 1 | J. Hind, jun., Esq., 21, College Street South, Belfast. |
| „ - | Working Men's Institute | 1 | D. Fortune, Esq., 1, Lombard Street, Belfast. |

LIST OF QUEEN'S MEDALLISTS.

## 8. LIST of QUEEN'S MEDALLISTS.—SCIENCE EXAMINATION, May 1875.

The Queen's Medals, which are offered for competition throughout the United Kingdom at the general examination of Science Schools and Classes, held each year in May, consist of Gold, Silver, and Bronze Medals. Anybody may compete, but the Medals cannot be taken by persons who are not students of Science Classes, nor by persons engaged in teaching (including students in training colleges and pupil-teachers over 17 years of age), nor by those who have taken the same Medal previously. *The names of those who have taken an equal or a higher class Medal in the same subject previously appear in italics in the following list.*

| Name. | Age. | Occupation or (*f.*) Father's Occupation. | School. | Teacher. | Medal. |
|---|---|---|---|---|---|
| SUBJECT I.—PRACTICAL PLANE AND SOLID GEOMETRY. | | | | | |
| Nightingale, Edward H. | 18 | (*f.*) Paymaster | Manchester Gram. | Pritchard, Z. - | Gold. |
| Sisson, William - | 22 | Engineer - - | Elswick Mech. Inst. | Rowden, W. T. - | Silver. |
| Woolgar, John M. - | 21 | Joiner - - | Paddington, Sale St. | Busbridge, W. - | Bronze. |
| Handley, Thomas - | 26 | Joiner - - | Ashton-under-Lyne, Albion Sch. | Monks, P. - - | Bronze. |
| SUBJECT II.—MACHINE CONSTRUCTION AND DRAWING. | | | | | |
| *Sisson, William* - | 22 | *Engineer* - - | *Elswick Mech. Inst.* | *Rowden, W. T.* | *Gold in 1874.* |
| Angas, William M. - | 20 | Engineer - - | Elswick Mech. Inst. | Rowden, W. T. - | Gold. |
| Sloan, Robert A. - | 20 | Engineer's Apprentice. | Liverpool Sch. of Sci. | Briant, A. J. - | Silver. |
| Nixon, Thomas H. - | 24 | Draughtsman - | City of London College. | Adams, H. - | Bronze. |
| SUBJECT III.—BUILDING CONSTRUCTION. | | | | | |
| Smith, Albert - | 22 | Carpenter - | Gravesend - | Betts, E. W. - | Silver. |
| Collins, Arthur E. - | 18 | Land Surveyor | Plymouth, Courtenay St. | Wonnacott, J. - | Bronze. |
| Williams, Robert - | 27 | Carpenter - - | Paddington, Sale St. | Busbridge, W. - | Bronze. |
| SUBJECT IV.—NAVAL ARCHITECTURE. | | | | | |
| Gough, William G. - | 30 | Shipwright - | Devonport Inst. | Edgecomb, G. H. | Gold. |
| Moore, Alexander M. | 20 | Shipwright's Apprentice. | „ | „ | Silver. |
| Grant, Richard S. - | 30 | Shipwright - | „ | Barratt, W. J. - | Bronze. |
| Davies, Israel J. - | 28 | „ | Keyham, St. James. | Lemon, C. P. - | Bronze. |

| Name. | Age. | Occupation, or (*f.*) Father's Occupation. | School. | Teacher. | Medal. |
|---|---|---|---|---|---|
| **Subject V.—Mathematics.** | | | | | |
| Burslem, William | 19 | (*f.*) Manufacturer. | Manchester Gram. Sch. | Chambers, Rev. J. | Silver. |
| Heaton, William H. | 18 | At School | „ | „ | Silver. |
| Jelly, James O. | 18 | (*f.*) Clergyman | „ | „ | Bronze. |
| Nightingale, Edward H. | 18 | (*f.*) Paymaster | „ | „ | Bronze. |
| **Subject VII.—Applied Mechanics.** | | | | | |
| Willmott, Arthur W. W. | 22 | Engineer | Elswick Mech. Inst. | Rowden, W. T. | Gold. |
| Marsh, Walter | 23 | Engine fitter | Southampton, Hartley Inst. | Shore, T. W. | Silver. |
| Meik, Charles S. | 22 | Engineer | Elswick Mech. Inst. | Rowden, W. T. | Bronze. |
| Edmonds, J. C. | 18 | Engineer | Plymouth, Courtney St. | Evers, H. | Bronze. |
| **Subject VIII.—Acoustics, Light, and Heat.** | | | | | |
| Whittaker, Thomas | 18 | Clerk | Accrington Coöp. Hall. | Greenwood, H. | Gold. |
| Warren, John D. | 18 | Telegraph Engineer. | Chelsea, Onslow Coll. | Symons, C. and Martin, W. H. | Silver. |
| Mills, Frederick G. | 14 | (*f.*) Joiner | Islington Pub. Sch. | Angel, H. | Bronze. |
| Dutton, Alfred H. | 17 | Collector | Gloster Sch. of Sci. | Embrey, G. | Bronze. |
| **Subject IX.—Magnetism and Electricity.** | | | | | |
| Mills, Frederick G. | 14 | (*f.*) Joiner | Islington Pub. Sch. | Howard, J. | Gold. |
| Barnes, Henry J. | 25 | Clerk | Watford Pub. Library. | Fairman, J. B. | Silver. |
| Johnson, Frank | 20 | Architect's pupil | Nottingham M. I. | Major, H. | Bronze. |
| Umlauff, Albert C. | 12 | Monitor | Boro' Road Model Sch. | Gladman, F. J. | Bronze. |
| **Subject X.—Inorganic Chemistry.** | | | | | |
| Anderson, Alfred J. | 16 | At School | Manchester Gram. Sch. | Jones, F. | Gold. |
| Beringer, John J. | 18 | Druggist | Redruth Lit. Inst. | Kitto, B. | Silver. |
| Audley, James | 16 | Office boy | Burslem, Wedgwood Inst. | Sparkes, A. L. | Silver. |
| Barfoot, J. R. D. | 19 | Chemist's Apprentice. | Chesterfield Board Sch. | Francis, E. | Bronze. |
| Brown, E. O. | 22 | Chemist's Assistant. | Leeds Mech. Inst. | Ward, G. | Bronze. |
| **Subject XI.—Organic Chemistry.** | | | | | |
| Anderson, Alfred J. | 16 | At School | Manchester Gram. Sch. | Jones, F. | Gold. |
| King, Charles | 17 | (*f.*) Publican | Bristol Trade Sch. | Coomber, T. | Silver. |
| Carter, John B. | 11 | At School | Westminster Bridge Road, Yorkshire Society's Sch. | Robinson, J. | Bronze. |
| King, Henry | 14 | At School | „ | „ | Bronze. |
| Harper, Thomas | 20 | Clerk | Halifax Wkg. Men's Coll. | Jarmain, G. | Bronze. |

Appendix B.

List of Queen's Medallists.

| Name. | Age. | Occupation or (*f.*) Father's Occupation. | School. | Teacher. | Medal. |
|---|---|---|---|---|---|
| **Subject XII.—Geology.** | | | | | |
| Kendall, Percy F. | 18 | Clerk | Homerton Coll. | Powell, J. T. | Silver. |
| **Subject XIII.—Mineralogy.** | | | | | |
| Skewes, Edward | 23 | Tin Dresser | Troon | Allen, T. H. | Bronze. |
| **Subject XIV.—Animal Physiology.** | | | | | |
| Bennett, Alfred W. | 16 | (*f.*) Watchmaker. | Islington Brit. Sch. | Trayes, F. C. | Silver. |
| Whittaker, Thomas | 18 | Clerk | Accrington Coöp. Hall. | Greenwood, H. | Bronze. |
| Grainger, Thomas A. | 19 | Chemist | Islington, Youths' Inst. | Meyer, C. | Bronze. |
| **Subject XIX.—Metallurgy.** | | | | | |
| Welch, Charles | 34 | Turner | Woolwich, Royal Arsenal M. I. | Smith, H. | Gold. |
| **Subject XX.—Navigation.** | | | | | |
| Lawson, Henry | 16 | Pupil-teacher | Hull Nav. Sch. | Scaping, Z. and Read, J. | Gold. |
| Joy, John K. | 14 | (*f.*) M. Mariner | „ „ | Scaping, Z. | Silver. |
| Ash, William | 16 | Pupil-teacher | „ „ | Scaping, Z. and Read, J. | Bronze. |
| **Subject XXI.—Nautical Astronomy.** | | | | | |
| Joy, John K. | 14 | (*f.*) M. Mariner | Hull Nav. Sch. | Scaping, Z. | Silver. |
| **Subject XXII.—Steam.** | | | | | |
| Sisson, William | 22 | Engineer | Elswick Mech. Inst. | Rowden, W. T. | Gold. |
| Angas, William M. | 20 | Engineer | Elswick Mech. Inst. | Rowden, W. T. | Silver. |
| Bickle, Thomas E. | 17 | Engineer's Apprentice. | Hayle Sci. Class. | Jago, W. | Bronze. |

Laboratory Expenses.

9. List of Schools applying for the Special Grant in aid of Laboratory Expenses according to § LXXI. of the Science Directory.

| Town. | Where held. | No. of Students. | No. of Sets of Apparatus. |
|---|---|---|---|
| Buckinghamshire: | | | |
| High Wycombe | Board School | 14 | 7 |
| Cheshire: | | | |
| Macclesfield | Modern Free School | 34 | 34 |
| Stockport | Mechanics' Institute | 18 | 15 |
| „ | Sunday School, Duke Street | 10 | 10 |

| Town. | Where held. | No. of Students. | No. of Sets of Apparatus. |
|---|---|---|---|
| CORNWALL: | | | |
| Pendeen | Science Class | 5 | 5 |
| Truro | Royal Cornwall Geological Museum. | 12 | 6 |
| DERBYSHIRE: | | | |
| Chesterfield | St. Helen's Street School | 26 | 26 |
| Derby | Central School of Science | 17 | 17 |
| Eckington | Board School | 6 | 6 |
| Hayfield | National School | 4 | 2 |
| DEVONSHIRE: | | | |
| Exeter | Science School | 12 | 10 |
| Plymouth | Courtenay Street Science School | 18 | 18 |
| DORSETSHIRE: | | | |
| Weymouth | Middle School | 12 | 6 |
| DURHAM: | | | |
| Barnard Castle | Mechanics' Institute | 16 | 13 |
| Durham | Science School | 24 | 17 |
| GLOUCESTERSHIRE: | | | |
| Bristol | Trade and Mining School | 34 | 34 |
| Gloucester | Science School | 13 | 13 |
| HAMPSHIRE: | | | |
| Southampton | Hartley Institute | 14 | 14 |
| KENT: | | | |
| Woolwich | Royal Arsenal Science School | 20 | 20 |
| LANCASHIRE: | | | |
| Accrington | Mechanics' Institute | 12 | 12 |
| Burnley | Church of England Literary Institute. | 6 | 6 |
| ,, | St. Peter's National School | 16 | 8 |
| Bury | Athenæum | 22 | 21 |
| Heywood | Reform Club Science Class | 8 | 8 |
| Liverpool | Board School, Queen's Road | 26 | 17 |
| ,, | Philadelphia Chambers, Hackins Hey. | 19 | 19 |
| Manchester | Chalmers Presbyterian Schools | 5 | 3 |
| ,, | Grammar School | 64 | 64 |
| ,, | Mechanics' Institute | 21 | 21 |
| Oldham | Copster Hill British School | 15 | 8 |
| ,, | School of Science | 26 | 26 |
| Preston | St. Paul's Science and Art Classes. | 10 | 10 |
| Ramsbottom | Industrial and Provident Society | 24 | 24 |
| Rochdale | Board School | 18 | 18 |
| St. Helen's | Chemical Classes, Commercial School. | 10 | 10 |
| Todmorden | Vale Academy | 8 | 4 |
| Whitworth | School of Science | 10 | 10 |
| Wigan | Mining and Mechanics' School | 8 | 4 |

Appendix B.

LABORATORY EXPENSES.

| Town. | Where held. | No. of Students. | No. of Sets of Apparatus. |
|---|---|---|---|
| LINCOLNSHIRE : | | | |
| Grantham | National School | 12 | 6 |
| MIDDLESEX : | | | |
| Fulham Road | Onslow College | 17 | 17 |
| Goswell Road | St. Thomas' Charterhouse | 41 | 41 |
| Islington | School of Science and Art | 41 | 33 |
| Kingsland | Birkbeck School | 20 | 20 |
| Old Street | St. Luke's School | 2 | 1 |
| Regent Street | Polytechnic College | 18 | 9 |
| Willesden Junction | Wesleyan Day School | 6 | 3 |
| NORFOLK : | | | |
| King's Lynn | Athenæum | 4 | 4 |
| NORTHAMPTON : | | | |
| Northampton | Trade School | 23 | 23 |
| NORTHUMBERLAND : | | | |
| Newcastle-on-Tyne | Elswick Mechanics' Institute | 24 | 24 |
| NOTTINGHAMSHIRE : | | | |
| Nottingham | Mechanics' Institute | 23 | 23 |
| SHROPSHIRE : | | | |
| Shrewsbury | School of Science and Art | 6 | 5 |
| STAFFORDSHIRE : | | | |
| Burslem | Wedgwood Institute | 10 | 7 |
| Burton-on-Trent | School of Science | 14 | 14 |
| Dresden | Temperance Hall | 4 | 2 |
| Stoke-upon-Trent | Minton Memorial Buildings | 13 | 12 |
| Walsall | Science and Art Institute | 15 | 15 |
| Wolverhampton | St. Peter's School | 26 | 13 |
| SUSSEX : | | | |
| Littlehampton | Lecture Hall | 2 | 1 |
| WARWICKSHIRE : | | | |
| Birmingham | Middle Class School | 17 | 17 |
| „ | Midland Institute | 47 | 47 |
| WESTMORELAND : | | | |
| Kendal | School of Science | 38 | 19 |
| WORCESTERSHIRE : | | | |
| Droitwich | Boys' School, Coventry | 20 | 10 |
| Dudley | Mechanics' Institute | 8 | 5 |
| YORKSHIRE : | | | |
| Baildon | Mechanics' Institute | 8 | 4 |
| Birstall | „ „ | 12 | 6 |
| Bradford | Church „ | 4 | 4 |
| „ | Mechanics' „ | 8 | 8 |
| Calverley | „ „ | 14 | 7 |
| Dewsbury | „ „ | 10 | 7 |

| Town. | Where held. | No. of Students. | No. of Sets of Apparatus. |
|---|---|---|---|
| LANCASHIRE—*cont.* | | | |
| Eccleshill - - | Mechanics' Institute - - | 13 | 13 |
| Gildersome - - | Turton Hall School - - | 10 | 5 |
| Great Driffield - | National School - - | 8 | 6 |
| Guiseley - - | Mechanics' Institute - - | 15 | 8 |
| Halifax - - | „ „ - - | 10 | 5 |
| Horsforth - - | „ „ - - | 7 | 4 |
| Hull - - - | Royal Institution - - | 10 | 10 |
| „ - - | Young People's Christian and Literary Institute. | 20 | 17 |
| Keighley - - | School of Science and Art - | 18 | 18 |
| Leeds - - | Mechanics' Institute - - | 32 | 32 |
| „ - - | Parish Church Middle Class School. | 20 | 10 |
| Middlesboro' - - | Mechanics' Institute - - | 11 | 11 |
| Sheffield - - | „ „ - - | 10 | 10 |
| Wakefield - - | Industrial and Fine Art Institution, and Smyth Street Academy. | 29 | 15 |
| „ - - | Trinity Church Young Men's Society. | 13 | 13 |
| York - - | Blue Coat School - | 13 | 13 |
| WALES: | | | |
| Abermorlais - - | Board School - - | 12 | 6 |
| Cardiff - - | Science and Art School - | 14 | 7 |
| Dolgelly - - | Science School - | 9 | 9 |
| Mallwyd - - | Church of England School - | 24 | 17 |
| Swansea - - | Royal Institution - - | 11 | 11 |
| SCOTLAND: | | | |
| Aberdeen - - | School of Science and Art - | 7 | 6 |
| Dumbarton - - | Burgh Academy - - | 8 | 4 |
| Dundee - | Young Men's Christian Association. | 18 | 18 |
| Gartsherrie - - | Academy - - - | 29 | 29 |
| Glasgow - - | Anderson's University Science School. | 11 | 11 |
| „ - - | Anderson's Academy - - | 30 | 15 |
| Largs - - | Brisbane School - - | 15 | 15 |
| IRELAND: | | | |
| Ballymena - - | Guy's National School - - | 9 | 7 |
| Belfast - - | School of Science - - - | 10 | 10 |
| „ - - | Working Men's Institute - | 7 | — |
| Ligoniel - - | Wolfhill Mill National School - | 21 | 21 |

Appendix B. SCIENCE SCHOOLS. RESULTS.

10. LIST of SCHOOLS examined in May 1875, showing the NUMBER of STUDENTS under INSTRUCTION in 1874 and 1875, with the PRIZES and MEDALS obtained by each SCHOOL in 1874 and 1875, and the FEES received from STUDENTS during the SESSION 1874–75.

| Town. | Where held. | Number of Individuals under Instruction. | | Number of Prizes and Medals Obtained. | | Fees received during the Session 1874-75. | | |
|---|---|---|---|---|---|---|---|---|
| | | 1874. | 1875. | 1874. | 1875. | £ | s. | d. |
| **ENGLAND AND WALES.** | | | | | | | | |
| Aberdare | Brit. Sch. | 6 | 7 | .. | 3 | .. | | |
| " | Nat. Sch. | .. | 9 | .. | 2† | .. | | |
| Accrington | St. James' Nat. Sch. | 21 | 13 | .. | 1 | 1 | 0 | 0 |
| " | Co-operative Hall | 37 | 60 | 26 | 23<br>1 G.<br>1 B. | 6 | 10 | 0 |
| " | Mech. Inst. | 50 | 71 | 2 | 9 | *7 | 10 | 0 |
| " | New Jerusalem Brit. Sch. | 11 | 17 | .. | .. | 2 | 0 | 0 |
| " | Wes. Sch. | 25 | 29 | 2 | 5 | 3 | 17 | 6 |
| Almondbury | King James' Gram. Sch. | 32 | 26 | 3 | .. | .. | | |
| Alton | Boys' Nat. Sch. | .. | 15 | .. | 7 | 1 | 7 | 4 |
| Altrincham | Lit. Inst. | .. | 16 | .. | 2 | 2 | 12 | 0 |
| Apperley Bridge | Mech. Inst. | .. | 15 | .. | .. | 2 | 1 | 3 |
| Ashburton | Academy, East Street | .. | 30 | .. | .. | 3 | 0 | 0 |
| Ashby-de-la-Zouch | Mut. Imp. Society Gram. Sch. | 29 | 44 | 16 | 19 | 6 | 4 | 6 |
| Ashford | Brit. Sch. | .. | 12 | .. | .. | 2 | 5 | 0 |
| Ashton-under-Lyne | Brit. Sch. | 100 | 91 | 8 | 11 | 11 | 8 | 0 |
| " " | Mech. Inst. | 44 | 37 | 7 | 5 | 5 | 14 | 0 |
| " " | Parish Ch. Sch. | .. | 29 | .. | 2 | 2 | 6 | |
| " " | Dukinfield Village Lib. Sch. | 40 | 33 | .. | 6 | 4 | 10 | 6 |
| " " | Dukinfield Hall Sch. | 15 | 8 | 1 | .. | .. | | |
| " " | Albion Sch. | 130 | 95 | 13 | 1 B.<br>23 | 15 | 15 | 0 |
| Aspatria | Agricultural Sch. | .. | 8 | .. | 4 | .. | | |
| Aspley Guise | Brit. Sch. | .. | 20 | .. | 1 | 1 | 13 | 6 |
| Audenshaw | Brit. Sch. | 27 | 15 | 9 | 4 | 0 | 2 | 6 |
| Aylesbury | Endowed Sch. | 22 | 17 | 6 | 9 | 2 | 14 | 6 |
| Bacup | Mech. Inst. | 22 | 32 | .. | 6 | 5 | 7 | 6 |
| Baildon | Ch. of Eng. Sch. | 9 | 7 | .. | 1 | 0 | 17 | 6 |
| " | Mech. Inst. | .. | 5 | .. | 3 | 0 | 14 | 0 |
| Balderstone | Nat. Sch. | 26 | 12 | .. | 10 | 1 | 16 | 0 |
| Baldock | Brit. Sch. | .. | 20 | .. | .. | 2 | 17 | 6 |
| Banbury | Brit. Sch., Cherwell Brit. Sch. | 86 | 100 | 18 | 19 | 17 | 9 | 0 |
| " | Boys' Sch., Crouch Street | | | | | | | |
| Bangor | Nat. Sch. | 2 | 7 | .. | .. | .. | | |
| " | Normal College | 60 | 60 | 60 | 53 | .. | | |
| Barnard Castle | Mech. Inst. | 13 | 35 | 1 | 5 | 3 | 2 | 3 |
| " | Wes. Sch. | 21 | 39 | .. | 2 | .. | | |
| Barnsley | Sch. of Art. | 9 | 9 | .. | 5 | *32 | 9 | 6 |
| Barnstaple | Lit. and Sci. Inst., and Blue Coat Sch. | 68<br>.. | 37<br>36 | 10<br>.. | 18<br>.. | 8<br>0 | 17<br>17 | 0<br>0 |
| " | Wes. Day Sch. | 37 | 56 | 15 | 9 | 3 | 10 | 0 |
| Barton-on-Humber | Wes. Sch. | .. | 25 | .. | 1 | 0 | 17 | 6 |
| Basford | Lecture Hall | .. | 21 | .. | .. | 4 | 0 | 0 |
| Bath | Weston Boys' Sch. | 27 | 12 | 9 | 4 | 1 | 1 | 3 |
| " | Weymouth House Nat. Sch. | .. | 14 | .. | .. | 2 | 2 | 6 |
| Bedford | Commercial Sch. | 87 | 70 | 27 | 26 | 17 | 6 | 0 |
| Bedlington | Cambois Colliery Sch. | 10 | 12 | .. | .. | 5 | 0 | 0 |
| Bedminster | Boys' Nat. Sch. | .. | 5 | .. | .. | 0 | 2 | 0 |
| Bere Regis | Boys' Nat. Sch. | 12 | 9 | 4 | .. | .. | | |
| Beverley | Wes. Day Sch. | 23 | 18 | 7 | 5 | 1 | 14 | 0 |
| Bewdley and Wribbenhall. | Brit. Sch. | 46 | 21 | .. | .. | 0 | 12 | 0 |
| Bideford | Brit. Sch. | 54 | 36 | 21 | 8 | *9 | 17 | 6 |
| Bilston | Bradley, St. Martin's Boys' Sch. | 21 | 22 | .. | 13 | .. | | |

* Including fees for Art. † Cwmbach School Board included in this number.

List of Schools examined in May 1875—*continued.*

| Town. | Where held. | Number of Individuals under Instruction. | | Number of Prizes and Medals Obtained. | | Fees received during the Session 1874–75. |
|---|---|---|---|---|---|---|
| | | 1874. | 1875. | 1874. | 1875. | £ s. d. |
| Bilston | Town Hall and Free Library. | 38 | 26 | 10 | .. | 4 10 0 |
| Bingley | Mech. Inst. | 58 | 58 | 9 | 13 | 8 8 9 |
| " | Grammar Sch. | 15 | 20 | 1 | 2 | .. |
| Birkenhead | Ch. of Eng., St. Paul's Sch. | 21 | 28 | 2 | 7 | 4 4 6 |
| Birmingham | Sch. of Art, Paradise St. | 96 | 107 | 16 | .. | 97 5 0 |
| " | Baptist Sch. | .. | 18 | .. | 3 | *13 17 0 |
| " | Bishop Ryder's Nat. Sch. | 66 | 91 | 9 | .. | 3 9 0 |
| " | Bloomsbury Inst. | 28 | 11 | .. | 1 | 1 10 0 |
| " | Blue Coat Sch. | 44 | 47 | 51 | 27 | .. |
| " | Board Sch., Farm St. | .. | 38 | .. | .. | 8 7 7 |
| " | Board Sch., Goodrich Street | | | | | |
| " | Board Sch., Steward St. | | | | | |
| " | Brit. Sch., Severn Street | 77 | 118 | 28 | 37 | 19 17 9 |
| " | Christ Ch. Sch., Stratford Road. | .. | 22 | .. | .. | .. |
| " | Ch. of the Saviour Sch. | 68 | 84 | 5 | 10 | 4 6 4 |
| " | Circus Chapel | 16 | 62 | 1 | 2 | 5 6 0 |
| " | Edgbaston Congregational Chapel. | 48 | 70 | 2 | 12 | 6 4 0 |
| " | Farm Street Sch. | 40 | 42 | .. | .. | 1 2 0 |
| " | Friend's Bible Mission Room. | 88 | 116 | 18 | 32 | 9 3 4 |
| " | Hurst Street Sch. | .. | 114 | .. | 24 | 6 14 6 |
| " | King Edward Sch. | .. | 43 | .. | 2 | 2 2 0 |
| " | Methodist New Connexion Sch., Hockley Street. | 19 | 19 | 1 | 8 | 2 12 10 |
| " | Midland Inst. | 486 | 461 | 84 1 1 B. | 107 | 146 16 5 |
| " | Cornwall Works, Soho | | | | | |
| " | Middle Class Sch., Frederick Street. | 49 | 84 | 24 | 27 | .. |
| " | People's Chapel | .. | 13 | .. | 4 | 1 19 0 |
| " | St. Barnabas Sch. | .. | 21 | .. | .. | 2 3 3 |
| " | St. George's Sch., Great Russell Street | 35 | 37 | 23 1 G. 1 S. 1 B. | 9 | 4 6 0 |
| " | St. George's Sch., Smith Street. | 21 | 13 | 5 | 2 | 1 12 6 |
| " | St. Paul's Sch., Spencer Street. | 104 | 31 | 6 | 14 | 2 18 4 |
| " | Spring Hill Chapel Sch. | .. | 12 | .. | 1 | .. |
| " | The Inst., Howard Street | .. | 60 | .. | 14 | 5 0 0 |
| " | Wes. Sch., St. Martin's Street, Islington. | 12 | 12 | .. | .. | .. |
| " | Young Men's Chr. Assoc. | .. | 56 | .. | 12 | *9 17 6 |
| Birstall | Mech. Inst. | 29 | 53 | 9 | 13 | 5 16 0 |
| Blackburn | Congregational Sch. | 7 | 12 | 1 | .. | 1 5 0 |
| " | St. John's Sch. | .. | 16 | .. | 1 | 2 2 0 |
| " | St. Peter's Sch. | 58 | 57 | 12 | 8 | 3 12 0 |
| " | Sci. and Art Sch. | 139 | 150 | 62 | 74 | 30 0 0 |
| " | Christ Church, Grimshaw Park Sch. | 32 | 21 | 12 | 7 | 1 5 0 |
| " | St. Michael's Sch., Whalley Road. | .. | 22 | .. | 6 | 3 12 0 |
| " | New Jerusalem Sch. | .. | 13 | .. | 5 | *10 0 |
| Blackley | Nat. Sch. | 10 | 27 | 2 | 6 | 3 13 6 |
| Blaenavon | Wes. Sch. | 27 | 32 | 5 | 9 | 3 13 6 |
| Blaydon-on-Tyne | St. Cuthbert's Nat. Sch. | 34 | 33 | 13 | 16 | 8 10 0 |
| Blue Pits | Congregational Sch. | .. | 12 | .. | .. | 2 17 6 |
| Bodmin | Nat. Sch. | .. | 38 | .. | .. | 4 2 6 |
| Bolton | Mech. Inst. | 133 | 140 | 24 | 16 | 28 7 0 |
| " | Nat. Sch., Trinity Street | 15 | 19 | 12 | 18 | 3 15 0 |
| " | Ch. Inst. | 58 | 94 | 7 | 14 | 20 18 6 |
| " | Wes. Sch., Fletcher Street | 32 | 18 | 2 | .. | .. |
| " | Emmanuel Sch. | .. | 14 | .. | .. | .. |

* Including fees for Art.

Appendix B.

SCIENCE SCHOOLS. RESULTS.

List of Schools examined in May 1875—*continued*.

| Town. | Where held. | Number of Individuals under Instruction. | | Number of Prizes and Medals Obtained. | | Fees received during the Session 1874-75. | | |
|---|---|---|---|---|---|---|---|---|
| | | 1874. | 1875. | 1874. | 1875. | £ | s. | d. |
| Bolton | Chr. Ch. Nat. Sch. | .. | 8 | .. | .. | .. | | |
| " | Irish Lit. Inst. | .. | 13 | .. | .. | .. | | |
| Bootle | St. John's Nat. Sch. | .. | 19 | .. | 1 | .. | | |
| Boston | Nat. Schs. | 15 | 17 | 4 | 3 | 2 | 6 | 0 |
| Bradford | Borough West Sch. | 50 | 50 | 7 | 2 | 3 | 12 | 6 |
| " | Girls' Middle Sch. | 14 | 15 | .. | .. | 1 | 2 | 0 |
| " | Hallfield Sch. | 53 | 24 | 5 | 1 | 9 | 0 | 0 |
| " | All Saints' Sch. | 26 | 21 | 8 | 4 | 1 | 9 | 0 |
| " | Manningham, St. Paul's Nat. Sch. | 27 | 11 | 3 | 4 | 1 | 2 | 6 |
| " | Sch. of Art, Mech Inst. | 63 | 155 | 26 | 41 | 44 | 17 | 0 |
| " | Parish Ch. Sch. | 32 | 39 | 11 | 15 | 4 | 11 | 0 |
| " | Chemist's Association | 40 | 31 | 7 | 5 | 6 | 0 | 0 |
| " | Ch. Inst. | 14 | 6 | 4 | 2 | 1 | 8 | 6 |
| " | St. James's Sch. | .. | 20 | .. | 1 | 1 | 10 | 0 |
| " | Model Sch. | .. | 29 | .. | 2 | 1 | 12 | 0 |
| " | Sch. of Art, Gram. Sch., North Parade. | 140 | 160 | 65 | 75 | .. | | |
| " | College Sch., Little Horton Lane. | .. | 30 | .. | 4 | 10 | 0 | 0 |
| " | Coll. Chapel Day Sch. | .. | 10 | .. | 2 | .. | | |
| " | Manningham Acad. | .. | 18 | .. | .. | .. | | |
| Braintree | Public Sch., Manor Street | 26 | 26 | .. | 3 | 2 | 9 | 0 |
| Breage | Inst. | .. | 7 | .. | .. | 1 | 0 | 0 |
| Breedon-on-the-Hill | Boys' Sch. | .. | 32 | .. | .. | .. | | |
| Bridport | Sch. of Sci. and Art, and General Sch. (69) / Ladies' Sch., West St. (21) | 99 | 69 / 21 | 20 | 12 / 6 | 12 / 13 | 0 / 0 | 0 / 0 |
| Brierley Hill | Albion House Sch. | 35 | 31 | .. | 11 | 1 | 15 | 0 |
| Brighouse | Mech. Inst. | 10 | 36 | 4 | 6 | 0 | 16 | 0 |
| Brightlingsea | Wes. Day Sch. | 34 | 16 | .. | .. | .. | | |
| Brighton | Board Sch., Sussex Street | 45 | 36 | 9 | 6 | .. | | |
| " | Elliott Meml. Sch., Mount Street. | 12 | 7 | .. | 1 | 0 | 14 | 0 |
| " | Sch. of Art, Royal Pavilion. | 30 | 31 | 6.1B. | 6 | 13 | 0 | 0 |
| " | Board Sch., Hanover Terrace. | .. | 14 | .. | 3 | 1 | 19 | 0 |
| Bristol | Counterslip Brit. Sch. | 85 | 88 | 20.1B. | 13 | 5 | 0 | 0 |
| " | British Sch., Redcross Street. | 33 | 79 | 11 | 19 | 18 | 15 | 0 |
| " | Redcliffe Blue Sch. | 20 | .. | .. | .. | .. | | |
| " | St. James' Sch., The Barton. | 11 | 15 | 3 | 1 | .. | | |
| " | Russell Town British Sch. | 56 | 56 | 5 | 2 | *4 | 19 | 0 |
| " | Clifton Nat. Sch. | 17 | 14 | .. | 1 | .. | | |
| " | Trade and Mining Schs. | 220 | 190 | 99 1B. | 97 1S. | 381 | 19 | 2 |
| " | Wes. Sch., North Street | 56 | 28 | 1 | 2 | 2 | 12 | 6 |
| Briton Ferry | Wkg. Men's Club and Inst. | .. | 25 | .. | 1 | .. | | |
| Bromsgrove | Sch. of Art | 22 | 23 | .. | .. | 0 | 15 | 0 |
| Bromyard | British Sch. | .. | 17 | .. | .. | .. | | |
| Budock | Nat. Sch. | 11 | 21 | 2 | 2 | 1 | 10 | 0 |
| Burley-in-Wharfdale | Lecture Hall | .. | 14 | .. | .. | 1 | 8 | 9 |
| Burnley | Carlton Road Sch. | 45 | 40 | .. | 3 | 18 | 10 | 0 |
| " | Ch. of Eng. Lit. Inst. | 72 | 57 | 3 | 3 | 1 | 6 | 0 |
| " | Mech. Inst. | 72 | 83 | 26 | 21 | *19 | 5 | 0 |
| " | Wes. Sch., Fulledge | 46 | 69 | 14 | 10 | 18 | 13 | 0 |
| " | Gram. Sch., North Parade. | .. | 8 | .. | .. | 4 | 15 | 0 |
| Burslem | Wedgwood Inst. | 84 | 48 | 20 | 18. 11 | 24 | 0 | 0 |
| Burton Latimer | End Sch. | 17 | 25 | 3 | 4 | 4 | 16 | 0 |
| Burton-on-Trent | Sch. of Sci. | 33 | 41 | 11 | 12 | 24 | 2 | 3 |
| Bury | Athenæum | 89 | 129 | 15 | 18 | 33 | 10 | 0 |
| " | British Sch. | .. | 20 | .. | 1 | 1 | 10 | 0 |
| Bury St. Edmunds | Guildhall Commercial Sch. | 36 | 45 | 1 | 9 | .. | | |
| Caistor | Lower Gram. Sch. | 22 | 20 | 2 | .. | 2 | 6 | 6 |

* Including fees for Art.

List of Schools examined in May 1875—*continued.*



| Town. | Where held. | Number of Individuals under Instruction. | | Number of Prizes and Medals Obtained. | | Fees received during the Session 1874–75. |
|---|---|---|---|---|---|---|
| | | 1874. | 1875. | 1874. | 1875. | £ s. d. |
| Calverley - - | Mech. Inst. - - | 15 | 17 | 7 | 4 | 4 10 0 |
| Camborne - - | Tehidy Working Men's Club. | 32 | 26 | 4 | 10 | 4 13 6 |
| Cambridge - - | Ch. of Eng. Young Men's Inst., St. Edward's Passage - - | 107 | 21 | | | |
| " - - | Youth's Club, Paradise Street - - - | .. | 40 | 28 | 39 | 4 10 0 |
| " - - | St. Michael's Sch. - | .. | 23 | | | |
| " - - | Young Men's Christian Assoc., Alexandra St. | .. | 21 | | | |
| Cannock - - | Infant Sch. - - | .. | 9 | .. | .. | 4 4 0 |
| Cardiff - - - | Royal Arcade, Sch. of Art | 79 | 80 | 20 | 26 | 33 1 0 |
| Cardinham - - | Board School - - | .. | 19 | .. | .. | .. |
| Carmarthen - - | Training College - - | 79 | 60 | 1 | 18 | .. |
| Carnarvon - - | Training College - - | 47 | 43 | 8 | 32 | .. |
| Chapel-en-le-Frith - | Reddish Green Acad. - | 14 | 15 | 1 | 1 | 1 13 0 |
| Chapeltown - - | Lound Sch. - - | .. | 10 | .. | .. | .. |
| " - - | British Sch. - - | .. | 9 | .. | .. | 1 0 0 |
| Chard - - - | Board Sch. - - | 16 | 7 | .. | .. | 0 7 6 |
| Charlton Kings - | Holy Apostle Boys' Sch. - | .. | 11 | .. | 1 | .. |
| Chatham - - | St. Mark's Sch. - - | 37 | 37 | 4 | 9 | 9 12 0 |
| " - - | St. Mary's Nat. Sch. - | 9 | 18 | .. | 7 | 4 15 0 |
| " - - | Boys' Schoolroom, Roy. Mar. Barracks. | 17 | 12 | 1 | 2 | 0 12 6 |
| " - - | Roy. Eng. Barracks - | .. | 78 | .. | 4 | 1 10 0 |
| " - - | James Street Sch. - | .. | 22 | .. | 13 | 5 10 0 |
| Chelmsford - - | Victoria Nat. Sch. - | .. | 9 | .. | .. | .. |
| Cheltenham - - | Brit. Sch. - - - | 82 | 77 | 18 | 15 | .. |
| " - - | Training College - - | 90 | 90 | .. | 13 | .. |
| " - - | Parish Ch. Boys' Sch. - | 107 | 116 | 31 | 47 | 3 5 0 |
| " - - | Wes. Sch. - - - | 30 | 7 | .. | .. | .. |
| " - - | St. Luke's Night Sch., Bath Road. | 55 | 50 | .. | .. | .. |
| " - - | Wkg. Men's Club - | 21 | 14 | 5 | 4 | *3 16 0 |
| " - - | St. John's Nat. Sch. - | 43 | 49 | 8 | 4 | 1 0 0 |
| " - - | Christ Ch. Nat. Sch. - | 31 | 29 | 7 | 6 | 1 6 0 |
| " - - | Whitworth Sch. - - | 70 | 160 | 16 | 18 | 6 17 6 |
| " - - | Trinity Nat. Sch. - | .. | 39 | .. | 8 | .. |
| Chenies - - | Ch. of Eng. Sch. - - | 9 | 10 | 1 | 2 | .. |
| Chester - - - | Mech. Inst., and Sch. of Art. | 106 | 3 | .. | .. | .. |
| " - - - | Training College - - | .. | 153 | .. | 23 | .. |
| " - - - | Wes. Sch., St. John's Street. | 55 | 43 | 4 | 13 | 9 16 4 |
| Chesterfield - | St. Helen's Street, Board Sch. | 65 | 55 | 13 | 1 B.,13 | 11 17 6 |
| Chorley - - - | Wes. Day Sch. - - - | 22 | 28 | 1 | 12 | 6 12 0 |
| Church - - - | Kirk Sch. - - - | 36 | 29 | 11 | 7 | 1 7 6 |
| Cirencester - - | Green Mid. Class - - | .. | 35 | .. | .. | 5 11 6 |
| Clay Cross - - | Public Hall - - | 40 | 36 | 8 | 1 | 5 10 0 |
| Clayton-le-Moors - | Mech. Inst. - - | 24 | 32 | 14 | 18 | 7 10 0 |
| " | Brit. Sch, - - - | .. | 20 | .. | 3 | .. |
| Clitheroe - - | Gram. Sch. - - | 32 | 25 | 13 | 17 | 24 15 0 |
| Clow Bridge - - | Nat. Sch. - - - | .. | 16 | .. | 3 | 2 2 0 |
| Clutton - - - | Brit. Sch. - - - | .. | 23 | .. | 4 | 0 14 0 |
| Coalbrookdale - - | Lit. and Sci. Inst., and Sch. of Art. | 16 | 5 | 2 | .. | 4 16 0 |
| Codnor - - - | Butterley Comp. Sch. - | .. | 16 | .. | .. | 0 17 6 |
| Codsall - - - | Nat. Sch. - - - | .. | 3 | .. | .. | 0 7 6 |
| Colchester - - | Lit. Inst. - - - | 4 | 5 | .. | .. | 1 10 0 |
| " - - | Young Men's Christian Assoc. | 24 | 16 | 6 | 5 | 1 8 6 |
| " - - | Wes. Sch. - - - | 34 | 27 | 1 | 3 | .. |
| " - - | Friends' Sch., Sir Isaac's Walk. | .. | 29 | .. | 7 | .. 1 10 6 |
| " - - | Assembly Rooms, Culver Street. | .. | 16 | .. | 9 | 0 16 0 |
| Colne - - - | Gram. Sch. - - | .. | 39 | .. | .. | 2 0 0 |
| Congleton - - | Wes. Sch., Wagg Street - | .. | 7 | .. | .. | .. |

* Including fees for Art.

Appendix B.

SCIENCE SCHOOLS. RESULTS.

List of Schools examined in May 1875—*continued*.

| Town. | Where held. | Number of Individuals under Instruction. | | Number of Prizes and Medals Obtained. | | Fees received during the Session 1874–75. |
|---|---|---|---|---|---|---|
| | | 1874. | 1875. | 1874. | 1875. | £ s. d. |
| Cornholme | Brit. Sch. | 39 | 22 | 1 | 3 | 3 16 0 |
| Coventry | St. Peter's Nat. Sch. | 9 | 21 | .. | 1 | 0 16 6 |
| „ | Sch. of Art | 61 | 71 | 8 | 13 | 14 5 0 |
| „ | Bablake Sch. | 45 | 24 | .. | .. | 4 0 6 |
| Cowes (East) | Nat. Sch. | 12 | 8 | 2 | 1 | *8 0 0 |
| „ (West) | St. Mary's Institute | 11 | 6 | 1 | .. | 3 2 6 |
| Cranfield | Nat. Sch. | 13 | 14 | .. | 3 | 0 14 0 |
| Crediton | Hayward's Charity Sch., East Street. | .. | 19 | .. | 2 | 2 3 0 |
| Crewe | Mech. Inst. | 118 | 110 | 34 | 39 | 13 16 6 |
| Cromford | Sch. | .. | 33 | .. | 1 | .. |
| Crook (Billy Row) | Pease's West Miners' Inst. | 20 | 15 | 4 | .. | 4 15 0 |
| Crosshills | Mid. Sch. | 13 | 17 | 4 | 5 | 3 1 0 |
| Croydon | Lit. and Sci. Inst. | 27 | 65 | .. | 7 | 18 7 6 |
| „ | School of Art, Wellesley Road | | | | | |
| „ | Wes. Sch. | .. | 15 | .. | .. | .. |
| Crumlin | Nat. Sch. | 15 | 9 | 3 | .. | .. |
| Culham | Training College | 95 | 84 | 11 | 69 | .. |
| Cwmbach | Board Sch. | .. | 10 | .. | ..† | .. |
| Darlington | Brit. and For. Trg. Sch. | 50 | 62 | 18 | .. | .. |
| „ | St. John's Sch., Yarm Lane. | 26 | 23 | 4 | 1 | .. |
| Dartmoor | Prison Officers' Sch., Prince Town. | 9 | 17 | 2 | 1 | 3 5 0 |
| Darwen | Congregl. Sch. | 29 | 25 | 6 | 9 | 4 4 0 |
| „ (Over) | Co-operative Hall | 74 | 60 | 22 | 9 | 0 5 0 |
| „ „ | Trinity Ch. Sch. | 39 | 17 | 8 | 8 | 2 8 0 |
| „ (Lower) | St. James's Nat. Sch. | .. | 19 | .. | .. | 4 14 0 |
| Dawley | Nat. Sch. | 32 | 32 | .. | 6 | 2 19 6 |
| Denholme | Mech. Inst. | 19 | 10 | 7 | 1 | 0 15 0 |
| Denton | Haughton Dale Educ. Inst. | .. | 13 | .. | .. | 2 16 0 |
| Deptford | Sch. Board Schs., Creek Road. | 55 | 35 | 31 | 20 | 13 10 0 |
| „ | St. Joseph's Catholic Sch. | .. | 43 | .. | 12 | 4 3 0 |
| „ | St. Paul's Sch., Edward Street. | 83 | 90 | 33 | 37 | 34 0 0 |
| Derby | Central Sch. of Sci. | 131 | 79 | 54<br>25<br>1 B. | 14 | 24 0 0 |
| „ | St. Andrew's Sch. | 42 | 76 | 16 | 30 | 2 8 0 |
| „ | Nat. Sch., Curzon Street | 32 | 28 | 6 | 8 | .. |
| „ | Central Sch. of Art | 54 | 31 | .. | 10 | 50 0 0 |
| „ | Board Sch., Devonshire Street. | 19 | 49 | 8 | 11 | .. |
| „ | Board Sch., Gerard Street | .. | 49 | .. | 1 | 5 0 0 |
| „ | Primitive Meth. Sch. | .. | 35 | .. | 6 | .. |
| „ | Training College | .. | 43 | .. | 9 | .. |
| „ | Diocesan Sch., Friar Gate | 32 | 13 | 3 | .. | 2 17 0 |
| „ | Wes. Sch., King Street | 51 | 44 | 16 | 13 | .. |
| „ | Wes. Sch., Canal Street | 57 | 43 | 21 | 29 | .. |
| „ | Brit. Sch., Orchard Street | 74 | 48 | 26 | 16 | .. |
| Devonport | St. James' Nat. Sch., Keyham | 208 | 478 | 53<br>1 S. | 78<br>1 B.<br>7<br>15 | .. |
| „ | Stoke Pub. Sch., Albert Road | | | | | |
| „ | St. Mary's Nat. Sch. | | | | | |
| „ | Mech. Inst. | 123 | 109 | 42 | 32<br>1 G.,<br>1 S.,<br>1 B. | 16 14 6 |
| „ | Nat. Sch., St. John's St. | 42 | 56 | .. | 14 | .. |
| „ | Haddington Road, Chapel Schoolroom. | 28 | 49 | .. | 7 | 3 14 0 |
| „ | Stoke Public Sch., Keppel Street. | 76 | 65 | 55 | .. | 2 19 0 |
| „ | Nav. and Mil. Free Sch. | 71 | 60 | 3 | 22 | .. |
| „ | H.M.S. "Impregnable" | 14 | 18 | 1 | 11 | .. |

* Including fees for Art.

† *See* Aberdare.

List of Schools examined in May 1875—*continued.*



| Town. | Where held. | Number of Individuals under Instruction. | | Number of Prizes and Medals Obtained. | | Fees received during the Session 1874–75. |
|---|---|---|---|---|---|---|
| | | 1874. | 1875. | 1874. | 1875. | £ s. d. |
| Devonport | Baptist Sch., Morice Square. | .. | 17 | .. | .. | 1 3 6 |
| „ | Brit. Sch. | .. | 60 | .. | 12 | 8 5 0 |
| „ | Boys' Board Sch., Morice Town. | .. | 27 | .. | 1 | 2 15 0 |
| Dewsbury | Mech. Inst. | 18 | 25 | 2 | 6 | 4 7 6 |
| Doncaster | G. N. Railway Sch. | 72 | 79 | 20 | 23 | 9 17 6 |
| „ | Wesleyan Sch. | 23 | 14 | 7 | 6 | 1 6 0 |
| Dover | Sch. of Art | 73 | 46 | 14 | 7 | 2 10 0 |
| „ | Boys' Nat. Sch. | 54 | 31 | 19 | 3 | 1 18 0 |
| „ | Brit. Sch.-room | 16 | 20 | .. | .. | .. |
| „ | Alexandrovna Rooms | .. | 17 | .. | 2 | 3 4 6 |
| „ | Charlton Nat. Sch. | .. | 14 | .. | 4 | .. |
| Dresden | Temperance Hall and Wkg. Men's Club. | .. | 23 | .. | 4 | 9 17 6 |
| Driffield (Great) | Nat Sch. | 7 | 10 | 2 | .. | 1 17 6 |
| „ | Monument House Sch. | 30 | 19 | 1 | .. | .. |
| „ | Board Sch. | .. | 12 | .. | .. | .. |
| Droitwich | Coventry Boys' Sch. | 26 | 35 | 8 | 2 | 6 16 6 |
| „ | Nat. Sch. | 60 | 19 | 1 | 1 | 0 12 0 |
| Droylsden | Educational Inst. | 19 | 20 | 1 | 6 | 2 0 0 |
| „ | Brit. Sch. | 25 | 13 | 4 | 1 | 1 12 0 |
| Dudley | Blue Coat Sch. | 20 | 30 | 2 | .. | .. |
| „ | Holly Hall Sch. | .. | 32 | .. | 5 | 2 3 0 |
| „ | Mech. Inst. | 70 | 79 | 15 | 16 | 60 12 0 |
| „ | Middle Class Sch. | 9 | 11 | .. | 1 | .. |
| „ | Par. Ch. Sch. | .. | 27 | .. | .. | .. |
| Duffield | Endowed Sch. | 13 | 20 | .. | 12 | 2 11 0 |
| Durham | Training College | 58 | 63 | 5 | 28 | .. |
| „ | Blue Coat Sch. | 52 | 44 | 10 | 9 | 15 15 0 |
| Earlestown | Assembly Rooms | 60 | 49 | 9 | 5 | .. |
| „ | Wargrave Sch., Newton-le-Willows. | 29 | 8 | .. | 1 | .. |
| Eastwood | Mech. Inst. | .. | 13 | .. | 5 | *24 5 6 |
| „ | Brit. Sch. | .. | 30 | .. | 1 | 7 10 0 |
| Eccles | Western Sch. | .. | 36 | .. | 1 | 40 0 0 |
| Eccleshill | Mech. Inst. | 17 | 22 | 10 | 10 | 5 2 6 |
| Eckington | Board Sch. | .. | 26 | .. | 6 | .. |
| Egerton | Brit. Sch. | .. | 37 | .. | 7 | 5 10 0 |
| Egremont | Brit. Sch. | .. | 11 | .. | .. | .. |
| Elland | Nat. Sch. | 24 | 34 | 7 | 15 | 8 5 0 |
| Erdington | The Orphanage | .. | 20 | .. | .. | .. |
| Evercreech | Nat. Sch. | 17 | 7 | 1 | 4 | 0 10 0 |
| Evesham | Bengeworth Deacle's Sch. | 27 | 17 | 7 | 7 | 1 12 0 |
| „ | Mech. Inst. | 4 | 3 | 1 | .. | .. |
| Exeter | Albert Memorial Museum, Sch. of Art | 88 | 93 | 29 | 41 | 30 6 0 |
| „ | Training Coll. | 66 | 92 | 9 | 32 | .. |
| „ | Episc. Sch., St. David's Hill. | .. | 21 | .. | .. | .. |
| „ | Paris Street Sch. | 36 | 17 | .. | .. | *0 15 0 |
| „ | Wes. Sch. | 37 | 19 | 3 | .. | 0 10 0 |
| Exmouth | Parade Sch. | 17 | 24 | 5 | 1 | 5 5 0 |
| Falmouth | Polytechnic Inst. | 43 | 59 | 16 | 18 | 7 7 6 |
| Farnley | Iron Company's Sch. | 33 | 31 | 9 | 6 | 5 2 6 |
| Farnworth | New Jerusalem Brit. Sch., Church Street, Kearsley. | .. | 23 | .. | .. | 2 17 6 |
| Faversham | Inst. | 40 | 44 | 2 | 13 | 3 0 0 |
| Felling | Chemical Works Sch. | 23 | 23 | 5 | 5 | 5 15 0 |
| Ferry Hill | Nat. Sch. | .. | 10 | .. | .. | .. |
| Folkestone | Town Museum | 55 | 71 | 20 | 31 | 16 14 0 |
| Freemantle | Ch. of Eng. Schs. | 48 | 59 | 11 | 27 | 2 11 8 |
| Frome | Blue Coat Sch. | 31 | 26 | .. | 9 | 5 2 6 |
| „ | Sch. of Sci. and Art., Lit. Inst. | 10 | 10 | 2 | 1 | *60 8 0 |
| Gainsborough | Par. Ch. Boys' Sch. | 23 | 25 | 6 | .. | .. |
| „ | Brit. Ironworks Sch. | .. | 38 | .. | 3 | 10 10 0 |
| Garforth | Wkg. Men's Club and Inst. | 5 | 16 | 2 | .. | 0 3 0 |

* Including fees for Art.

Appendix B.

SCIENCE SCHOOLS. RESULTS.

List of Schools examined in May 1875—*continued.*

| Town. | Where held. | Number of Individuals under Instruction. | | Number of Prizes and Medals Obtained. | | Fees received during the Session 1874-75. |
|---|---|---|---|---|---|---|
| | | 1874. | 1875. | 1874. | 1875. | £ s. d |
| Gargrave | Mech. Inst. | 4 | 9 | .. | 4 | .. |
| Gateshead | Nat. Sch. | 45 | 73 | 12 | 10 | *17 10 0 |
| Gildersome | Turton Hall Sch. | .. | 31 | .. | 23 | 5 16 0 |
| Gloucester | Sch. of Sci. and Art | 17 | 18 | 11 | 4 | 53 1 6 |
| " | Sch. of Sci. | 54 | 40 | 1 | 30 | 24 15 0 |
| | Crypt Gram. Sch. | | 19 | | 1 B. | |
| Golborne | Mech. Inst. | 16 | 15 | 2 | 3 | 2 5 0 |
| Gorton | M. S. and L. Railway Inst. Sch. | 28 | 38 | 6 | 7 | 2 4 4 |
| Grafton (East) | Nat. Sch. | 12 | 5 | 1 | .. | 0 5 0 |
| Grantham | Nat. Sch. | .. | 70 | .. | 23 | 23 17 0 |
| Gravesend | Trin. Sch. | 31 | 12 | 2 | 1 S. 1 | .. |
| Great Horton | Nat. Sch. | 20 | 20 | .. | .. | 1 5 0 |
| " | Wes. Sch. | 7 | 17 | 2 | 3 | 1 18 0 |
| Greenwich | St. Paul's Par. Rm., Green Lane. | .. | 15 | .. | 5 | 5 2 0 |
| Greetland | Mech. Inst. | .. | 8 | .. | 5 | 2 0 0 |
| Grimsby | Garibaldi Street, Prim. Meth. Sch. | .. | 39 | .. | 2 | 0 16 0 |
| " | Wes. Day Sch. | .. | 10 | .. | 4 | 4 5 0 |
| Guildford | Archbishop Abbott's Sch. | 43 | 36 | 12 | .. | 22 7 6 |
| Guiseley | Mech. Inst. | 25 | 18 | 17 | 6 | 4 1 0 |
| Gunnislake | Board Sch. | .. | 40 | .. | .. | .. |
| Halifax | Mech. Hall, Crossley Street. | .. | 6 | .. | 2 | 1 10 0 |
| " | Wkg. Men's College | 24 | 29 | 11 | 1 B. 11 | 5 7 6 |
| " | Indus. Soc. Rooms | .. | 63 | .. | 9 | .. |
| " | Brit. Sch. | .. | 24 | .. | .. | 3 10 0 |
| Haltwistle | Nat. Sch. | .. | 16 | .. | .. | *6 13 0 |
| Handsworth | The Inst. | .. | 35 | .. | 2 | *3 10 6 |
| Hanley | Potteries Mech. Inst. | 22 | 18 | 12 | 6 | .. |
| Harewood | Ch. Sch. | .. | 26 | .. | 4 | 0 10 0 |
| Hartshill | Sch. and Mech. Inst. | 20 | 28 | 12 | 8 | 14 0 0 |
| Haslingden | Mech. Inst. | 28 | 25 | 2 | 3 | 0 15 0 |
| Haverfordwest | Boys' Nat. Sch. | .. | 7 | .. | 1 | 0 15 0 |
| Haworth | Lees Wes. Sch. | 69 | 17 | 1 | 3 | 0 16 0 |
| " | Wes. Sch., West Lane | 28 | 24 | 7 | 1 | 1 18 6 |
| Hayfield | Nat. Sch. | .. | 15 | .. | 2 | 1 17 6 |
| Hayle | Drawing Office, Foundry Square. | 8 | 27 | 2 | 1 B. 7 | 6 10 0 |
| Heaton | Nat. Sch. | 16 | 13 | 1 | .. | .. |
| Hebburn | St. Andrew's Inst. | 7 | 2 | .. | .. | 0 10 0 |
| Hebden Bridge | Mech. Inst. | 13 | 10 | 18 | 10 | 2 5 0 |
| " | Club Room | .. | 9 | .. | 4 | 1 10 0 |
| Helston | Com. Sch., Church St. | .. | 15 | .. | 2 | 1 7 6 |
| Hendon | Lit. Inst. | 40 | 29 | 5 | 7 | *3 15 0 |
| Heptonstall | Mech. Inst., Church Street. | 7 | 11 | 7 | .. | 1 5 0 |
| Hereford | Free Library | .. | 41 | .. | 7 | 10 6 3 |
| Heywood | Reform Club | .. | 18 | .. | 11 | 3 0 0 |
| High Wycombe | Boy's Board Sch. | 7 | 14 | .. | 2 | 0 19 6 |
| " | Girls' Nat. Sch. | | 8 | | | |
| Higham Ferrers | Board Sch. | 27 | 31 | 11 | 5 | 6 0 0 |
| Hindley | St. Paul's Sch. | 16 | 9 | 4 | 4 | 2 5 0 |
| Holbeck | Mech. Inst. | 56 | 112 | 27 | .. | 13 8 9 |
| " | Wes. Sch. | 61 | 27 | .. | 30 | .. |
| Holsworthy | Wes. Sch. | 4 | 5 | .. | .. | 0 5 5 |
| Horsforth | Mech. Inst. | 5 | 13 | 9 | 4 | *4 12 0 |
| Houghton | Brit. Sch. | .. | 4 | .. | 1 | .. |
| Hucknall Torkard | Board Sch. | 18 | 30 | 5 | 3 | 8 4 0 |
| Huddersfield | Lockwood Mech. Inst. | 49 | 12 | 3 | .. | 0 16 6 |
| " | Mech. Inst., Northumberland Street, Sch. of Art. | 127 | 142 | 45 1 B. | 42 | 52 0 0 |
| " | St. Peter's Nat. Sch. | 26 | 21 | 7 | 3 | 0 7 6 |
| Hull | Brit. Sch., Day Street | 32 | 18 | .. | 1 | .. |
| " | Brit. Sch., Waterhouse Lane. | 13 | 16 | 1 | 2 | .. |
| " | Navigation Sch. | 86 | 104 | 29 1 S. 3 B. | 40 1 G. 28 1 B. | 20 0 0 |

* Including fees for Art.

List of Schools examined in May 1875—*continued.*

| Town. | Where held. | Number of Individuals under Instruction. | | Number of Prizes and Medals Obtained. | | Fees received during the Session 1874–75. | | |
|---|---|---|---|---|---|---|---|---|
| | | 1874. | 1875. | 1874. | 1875. | £ | s. | d. |
| Hull | Wes. Sch., Beverley Road | 20 | 18 | 4 | .. | .. | | |
| ,, | Royal Inst. | 133 | 143 | 40 1 B. | 38 | 24 | 17 | 6 |
| ,, | Ch. Inst. | 41 | 65 | 10 | 8 | 8 | 8 | 6 |
| ,, | Young People's Inst. | 180 | 130 | 33 | 19 | 24 | 10 | 0 |
| ,, | Board Sch., Anlaby Road | 22 | 20 | 9 | .. | 0 | 10 | 6 |
| ,, | Board Sch., Courtney Street. | .. | 21 | .. | 1 | 1 | 1 | 0 |
| ,, | Board Sch., Lincoln Street. | .. | 20 | .. | .. | .. | | |
| Huncoat | Wes. Sch. | .. | 12 | .. | .. | .. | | |
| Huntingdon | Walden's Sch. | 11 | 5 | .. | 3 | 0 | 17 | 6 |
| ,, | The Inst. | .. | .. | .. | .. | 1 | 4 | 6 |
| Hyde | Educ. Inst., Flowery Field. | 27 | 28 | 2 | 5 | 3 | 18 | 0 |
| ,, | Mech. Inst. | 43 | 46 | 7 1 G. | 8 | 4 | 8 | 0 |
| Hyson Green | Nat. Sch., Pleasant Row. | .. | 21 | .. | .. | 1 | 1 | 6 |
| Ilfracombe | Par. Ch. Sch. | .. | 51 | .. | 26 | *12 | 0 | 0 |
| Ilkeston | Brit. Sch. | .. | 10 | .. | .. | .. | | |
| Ilkley | Eastburn Sch., Ben Rhydding Road. | 34 | 11 | 1 | 4 | 5 | 0 | 0 |
| ,, | College | 30 | 30 | 5 | 14 | 12 | 5 | 0 |
| ,, | The High Sch. | 35 | 30 | 11 | 8 | 16 | 0 | 0 |
| ,, | The Mount | 13 | 14 | 9 | 5 | 6 | 0 | 0 |
| Ipswich | Sch. of Art and Assembly Rooms. | 33 | 32 | 7 | 7 | 17 | 4 | 0 |
| Isleworth | Nat. Boys' Sch. | .. | 11 | .. | 3 | 0 | 15 | 0 |
| Jarrow-on-Tyne | Mech. Inst. | 19 | 37 | 1 | 4 | 9 | 15 | 0 |
| Keighley | Mech. Inst. | 164 | 185 | 103 | 77 | 452 | 16 | 2 |
| ,, | Sch. of Sci. and Art | | | | | | | |
| Kendal | Sch. of Sci and Art | 70 | 65 | 37 | 47 | 21 | 16 | 6 |
| Kettering | North End N. Sch. | 17 | 13 | 10 | 6 | 1 | 16 | 4 |
| Kidderminster | Board Sch., Coventry Street. | .. | 79 | .. | 1 | .. | | |
| King's Lynn | Athenæum | 32 | 9 | .. | 1 | 3 | 17 | 0 |
| Kingswood | St. Michael's Sch. | 22 | 15 | 1 | 1 | 1 | 6 | 0 |
| ,, | Wes. Sch. | .. | 48 | .. | .. | 8 | 0 | 0 |
| Laceby | Wes. Sch. | .. | 27 | .. | .. | .. | | |
| Lancaster | Boys' Nat. Sch., St. Leonard's Gate. | .. | 20 | .. | 2 | 2 | 0 | 0 |
| ,, | Mech. Inst., Market St. | 20 | 34 | .. | 10 | 22 | 0 | 4 |
| Lanivet | End. Sch. | 16 | 16 | .. | 2 | 0 | 15 | 0 |
| Leamington | Spencer Street Sch. | 58 | 69 | 4 | 2 | 25 | 1 | 6 |
| Lee | Boys' Brit. Sch., Boone Street. | .. | 38 | .. | 7 | 3 | 5 | 0 |
| Leeds | Chemists' Assoc. Ch. Inst. | .. | 18 | .. | .. | 5 | 0 | 0 |
| ,, | Mech. Inst., Sch. of Art (Sci. only). | 224 | 318 | 47 | 63 1 B. | 39 | 9 | 0 |
| ,, | Hunslet St. Jude's Sch., Leathley Lane. | 29 | 11 | 8 | 3 | 0 | 18 | 0 |
| ,, | Wes. Sch., Richmond Hill. | 9 | 6 | .. | .. | .. | | |
| ,, | Collegiate and Comml. Sch. | 70 | 54 | 12 | 10 | 11 | 5 | 0 |
| ,, | St. Peter's Nat. Sch., Kirkgate. | 59 | 12 | .. | 2 | .. | | |
| ,, | Wkg. Men's Hall | 5 | 19 | .. | 4 | 1 | 0 | 0 |
| ,, | Young Men's Christian Assoc. | 32 | 48 | .. | 4 | 5 | 9 | 9 |
| ,, | Mid. Class Sch., Woodhouse Lane. | 26 | 27 | 34 | .. | 4 | 5 | 0 |
| ,, | Mid. Class Sch., Basinghall Street. | 90 | 98 | .. | 50 | 12 | 12 | 0 |
| ,, | Carlton Hill Board Sch. | 40 | 16 | .. | .. | 0 | 2 | 6 |
| ,, | Board Sch., Burley Road | .. | 10 | .. | 2 | .. | | |
| ,, | Board Sch., Wintown Street. | .. | 23 | .. | 2 | 0 | 7 | 6 |
| ,, | Nat. Sch., Buslingthorpe | .. | 9 | .. | 1 | 0 | 10 | 0 |
| ,, | St. Stephen's Sch. | .. | 4 | .. | .. | .. | | |

* Including fees for Art.

Appendix B.

SCIENCE SCHOOLS. RESULTS.

List of Schools examined in May 1875—*continued.*

| Town. | Where held. | Number of Individuals under Instruction. | | Number of Prizes and Medals Obtained. | | Fees received during the Session 1874–75. |
|---|---|---|---|---|---|---|
| | | 1874. | 1875. | 1874. | 1875. | £ s. d. |
| Leek | Mech. Inst. | .. | 8 | .. | 1 | 2 6 0 |
| Leicester | St. Martin's Sch. | 140 | 155 | 31 | 44 | 25 3 6 |
| " | St. John N. S. Sth., Albion Street. | 17 | 20 | 3 | 2 | 2 9 0 |
| " | Town Museum | 33 | 95 | 12 | 28 | 12 17 6 |
| " | Trinity Ch. Sch. | 64 | 64 | 5 | 10 | 8 14 6 |
| " | St. George's Sch. | .. | 25 | .. | 2 | .. |
| " | Board Sch., Cumberland Street. | .. | 74 | .. | 5 | 8 2 6 |
| " | St. Matthew's Nat. Sch. | 18 | 12 | .. | .. | 0 12 6 |
| Leigh | Wes. Sch., Bedford | 24 | 15 | .. | .. | 1 0 0 |
| " | Wes. Sch., West Leigh | .. | 17 | .. | 1 | .. |
| Leighton Buzzard | Boys' Brit. Sch. | .. | 15 | .. | 1 | 5 10 0 |
| Lewisham | Cross Street Board Sch. | .. | {31 / 22} | .. | 4 | .. |
| " | Congl. Sch. | | | | | |
| Lincoln | Training Sch., Newport | 62 | 67 | 5 | 9 | .. |
| Lindley | Mech. Inst. | 10 | 16 | 5 | 1 | .. |
| Liskeard | Lit. Inst. | 56 | 26 | 20 | 2 | 4 16 0 |
| Littleborough | Ch. of Eng. Sch. | 27 | 34 | 9 | 13 | 6 3 6 |
| Littlehampton | Lecture Hall | .. | 18 | .. | 1 | 4 5 0 |
| Liverpool | Free Library and Museum | | | | | |
| " | Liverpool College, Shaw Street | | | | | |
| " | Royal Inst., Colquit Street | 186 | 196 | 60 | 1 S. 37 | 97 12 0 |
| " | St. Mary's Schs., Edgehill | | | | | |
| " | Sailors' Home | | | | | |
| " | Nat. Sch., Everton Valley | .. | 11 | .. | 6 | 1 2 6 |
| " | Inst., Mount Street | 271 | 321 | {83 / 1 G. / 1 B.} | 81 | 214 5 0 |
| " | Board Sch., Queen's Road | .. | 92 | .. | 15 | 32 8 0 |
| " | Operatives' Trades Hall | 51 | 28 | 13 | | |
| " | R. C. Trg. Coll. | 154 | 120 | 41 | 17 | .. |
| " | St. Peter's Nat. Sch., Everton. | .. | 16 | .. | 1 | .. |
| " | Christ Church Sch., Everton. | .. | 32 | .. | .. | .. |
| " | Great Homer Wes. Sch. | 16 | 38 | .. | 1 | 2 10 0 |
| Llanelly | Athenæum | 103 | 112 | 21 | 5 | 24 7 0 |
| " | Sch., Goring Road | .. | 57 | .. | .. | .. |
| London :— | | | | | | |
| Barnsbury | St. Clement's Sch. | 43 | 31 | .. | .. | 1 19 6 |
| Battersea | Southland's Wes. Trg. Coll. | 106 | 104 | 45 | 14 | .. |
| | St. John's Trg. Coll. and Pract. Sch. | 102 | 116 | 47 | {103 / 4} | .. |
| | St. Philip's Board Sch., Lower Wandsworth Road. | .. | 71 | .. | 12 | *5 10 0 |
| | Shaftesbury Hall | .. | 92 | .. | 10 | *45 0 0 |
| " | Board Sch. Bollingbroke Road. | .. | 21 | .. | 7 | 2 0 0 |
| " (West) | Belmont Works | 69 | 57 | 11 | 17 | 7 12 6 |
| Bermondsey | Board Sch., Monnow Road. | 28 | 91 | .. | 17 | 12 14 0 |
| Bethnal Green | Birbeck Sch. | 102 | 84 | 12 | 16 | 4 1 0 |
| " | Nat. Sch. | 140 | 176 | 15 | 44 | 9 14 6 |
| " | St. James the Less Nat. Sch. | 87 | 50 | 10 | 11 | .. |
| " | St. Matthias' Sch. | 10 | 7 | .. | .. | 0 10 6 |
| " | Wes. Day Sch. | 54 | 31 | 2 | 11 | 2 18 6 |
| Bishopsgate | Upper Sch. | 55 | 81 | 3 | 17 | 10 9 0 |
| Blackfriars Road | South London Working Men's Coll. | 2 | 4 | .. | .. | *4 14 0 |
| Bloomsbury | Board Sch. | .. | 10 | .. | .. | .. |
| Borough Road | Boy's Model Sch. | 40 | 40 | 33 | 1 B. 19 | 7 3 0 |
| " | Training College | 130 | 130 | 125 | 151 | .. |

* Including fees for Art.

List of Schools examined in May 1875—*continued.*

| Town. | Where held. | Number of Individuals under Instruction. | | Number of Prizes and Medals Obtained. | | Fees received during the Session 1874–75. |
|---|---|---|---|---|---|---|
| | | 1874. | 1875. | 1874. | 1875. | £ s. d. |
| London—*cont.* | | | | | | |
| Bow | Old Ford Road Sci. Sch. | 52 | 71 | 8 | 18 | 5 6 0 |
| " | Old Ford Board Sch., Atley Road. | 92 | 7 | .. | .. | 10 0 0 |
| " | Tredegar Road Sch. | 128 | 122 | 1 | 3 | 2 1 6 |
| " | North Bow Sch., Armagh Road. | 44 | 22 | 2 | 1 | 3 0 0 |
| " | Bow and Bromley Inst. | 29 | 48 | 2 | 2 | 11 5 0 |
| " | North Bow Board Sch. | .. | 46 | .. | 14 | 3 8 0 |
| Bromley | St. Leonard's Schs. | 44 | 40 | .. | 7 | 1 10 0 |
| Camden Town | St. Matthew's Nat. Sch. | 37 | 15 | 14 | 3 | 2 0 0 |
| Chancery Lane | Birkbeck Lit. and Sci. Inst. | 265 | 433 | 154 1S.4B. | 155 | 54 9 0 |
| Chelsea | Onslow College | 129 | 109 | 32 | 1 S. 41 | 33 17 6 |
| " | Boys' Sch., Draycott St., Sloane Street. | 63 | 77 | 5 | 22 | 16 17 8 |
| " | St. Mark's College | 206 | 121 | 75 | 41 | .. |
| " | St. Mark's College Sch. | .. | 60 | .. | 25 | .. |
| " | Whiteland's College | .. | 120 | .. | .. | .. |
| " | Whiteland's Sch. | .. | 22 | .. | 78 | .. |
| " | Women's Educl. Union, Brompton Road. | .. | 32 | .. | .. | .. |
| City Road | Radnor Street Sch. | 86 | 140 | 15 | 31 | *19 0 0 |
| " | Bath Street, Board Sch. | 27 | 21 | 4 | 10 | 2 17 10 |
| " | Whitfield Tabernacle Sch., Tabernacle Row. | 73 | 51 | .. | 18 | 1 5 0 |
| Clapham | Christ Ch. Sch., Union Grove. | .. | 2 | .. | 1 | .. |
| Commercial Road | Berner Street Board Sch. | 8 | 7 | .. | 1 | 0 17 6 |
| Dalston | Brownlow Road Private Sch. | 30 | 35 | 5 | 3 | 3 5 0 |
| " | Bay Street Sch. | 42 | 38 | .. | .. | 2 0 0 |
| Goswell Road | St. Thomas' Charterhouse. | 485 | 573 | 49 | 151 | 111 17 10 |
| Gray's Inn Road | St. Bartholomew's | .. | 35 | .. | .. | .. |
| Hackney | St. Thomas's Square Schs. | 98 | 14 | 9 | .. | .. |
| " | Fellowes Street Sch., Weymouth Terrace. | 81 | 20 | .. | .. | .. |
| " | The Board Sch. | .. | 110 | .. | .. | .. |
| " (South) | Baptist Chapel | .. | 29 | .. | 8 | *1 4 0 |
| Hammersmith | Broadway Lecture Hall | .. | 33 | .. | 5 | *14 0 0 |
| " | Training College, Brook Green. | 55 | 57 | 56 | 92 | .. |
| " | St. John's Nat. Sch. | .. | 13 | .. | 6 | .. |
| Haverstock Hill | Orphan Wkg. Sch. | 76 | 80 | 19 | 32 | .. |
| Highbury | Wes. Sch. | 37 | 21 | 3 | 3 | 1 3 4 |
| Holloway | St. John's Youths' Inst., Upper Holloway. | .. | 66 | .. | 9 | .. |
| " | Holloway College | 83 | 87 | 8 | 31 | 5 0 0 |
| Homerton | Training College | 24 | 24 | .. | 1S. 21 | 3 17 6 |
| " | College Sch. | | 98 | 19 | 11 | |
| " | Wes. Sch. | 27 | 29 | 3 | 3 | .. |
| Hoxton | Holy Trinity Schs. | 59 | 27 | .. | 4 | 3 2 0 |
| " | St. John's Nat. Sch. | 7 | 13 | .. | 1 | 3 9 0 |
| " | Wes Sch., Mintern Street | 70 | 66 | 7 | 1 | 15 0 0 |
| " | Academy Sch. | 61 | 74 | 2 | 8 | 5 18 6 |
| Islington | Brit. Sch. | 41 | 40 | 28 | 1 S. 18 | .. |
| " | Sch. of Sci. and Art, Windsor Street. | 292 | 250 | 87 2B. | 82 1 G., 1 B. | 27 10 0 |
| " | Barnsbury Youths' Inst. | 202 | 207 | 60 | 1B. 78 | †175 0 0 |
| " | All Saints Boys' Sch. | .. | 50 | .. | 2 | .. |
| " | Hemingford Hall | 28 | 47 | 6 | 11 | 58 10 0 |
| " | New Church College | .. | 55 | .. | 3 | .. |
| Kensington | Brit. Sch. | 40 | 71 | 1 | 23 | 15 4 6 |
| Kentish Town | Training Sch., Wilkin Street | 10 | 13 1 | .. | 4 | 2 4 0 |
| " | Lit. Inst. | | | | | |
| " | Board Sch., Hawley Crescent. | .. | 56 | .. | 2 | *14 2 6 |

* Including fees for Art.

† Including fees of the Institution.

Appendix B.

SCIENCE SCHOOLS. RESULTS.

List of Schools examined in May 1875—*continued.*

| Town. | Where held. | Number of Individuals under Instruction. | | Number of Prizes and Medals Obtained. | | Fees received during the Session 1874–75. |
|---|---|---|---|---|---|---|
| | | 1874. | 1875. | 1874. | 1875. | |
| | | | | | | £ s. d. |
| London—*cont.* | | | | | | |
| Kentish Town - | Wes. Sch. - - - | .. | 21 | .. | .. | 1 16 0 |
| Kilburn - - | St. Augustine's Sch. - | .. | 19 | .. | 4 | .. |
| Kingsland - - | North London Sch. of Art. | 16 | 32 | 13 | 7 | *349 3 3 |
| „ - - | Birkbeck Sch., Colveston Crescent. | 53 | 49 | 12 | 20 | 6 10 0 |
| „ - - | Middle Class Sch. - | .. | 100 | .. | 12 | .. |
| Knightsbridge - | Albert Wkg. Men's Club | 17 | 12 | 9 | 5 | 2 11 6 |
| Lambeth - - | Boys' Sch. - - - | 239 | 178 | 35 | 42 | 58 12 0 |
| „ - - | St. Andrew's Upper Boys' Sch. | .. | 60 | .. | .. | 5 14 0 |
| Leadenhall Street - | City of London College - | 270 | 185 | 231 S. 1B. 37 | | 111 5 6 |
| Limehouse - - | St. Anne's Nat. Sch. - | 68 | 37 | 2 | 3 | 0 16 6 |
| „ - - | Northey Street Board Sch. | .. | 19 | .. | 1 | .. |
| „ - - | St. John's Sch. - - | .. | 22 | .. | .. | .. |
| Marylebone - - | Central Sch. - - | 31 | 19 | 7 | 6 | .. |
| „ - - | Quebec Inst. - - | 63 | 82 | 19 | 30 | .. |
| „ - - | St. Andrew's Parochial Sch. | 44 | 62 | 9 | 20 | 27 16 0 |
| Mile End, New Town | School-room - - | 58 | 37 | 8 | 3 | 1 10 0 |
| Mile End Road - | Private Sch. - - | 13 | 21 | 2 | 13 | *7 10 0 |
| Millwall - - | Board Sch. - - | 25 | 21 | 2 | 1 | 4 19 0 |
| New Kent Road - | St. Matthew's Sch. - | .. | 35 | .. | .. | .. |
| Notting Hill - - | Board Sch. - - | .. | 21 | .. | 5 | 3 5 0 |
| Old Kent Road - | Christ Ch. Nat. Sch., - | 41 | 41 | .. | .. | 2 12 0 |
| Old Street - - | St. Luke's Parochial Sch. | 145 | 83 | 4 | 13 | 1 2 6 |
| Paddington - - | St. Michael's Boys' Sch. - | 8 | 5 | 1 | .. | *30 13 6 |
| „ - - | St. James' Nat. Sch. - | .. | 45 | .. | 3 | .. |
| „ - - | Boatmen's Inst. - - | .. | 53 | .. | 2 B. 17 | 22 13 0 |
| Peckham - - | Wes. Sch. - - - | 114 | 85 | 17 | 31 | *40 4 6 |
| „ - - | Brit. Sch. - - - | .. | 24 | .. | .. | .. |
| Pimlico - - | St. Barnabas Boys' Sch. - | 41 | 57 | 1 | 10 | 2 16 0 |
| „ - - | St. Michael's Sch. - | .. | 15 | .. | 4 | 2 19 6 |
| „ - - | Wes. Sch. - - - | .. | 24 | .. | 2 | .. |
| Poplar - - | All Saints' Boys' Nat. Sch. | .. | 79 | .. | 2 | 5 1 0 |
| „ - - | St. Mary's Sch. - - | 85 | 62 | 3 | 3 | 8 18 0 |
| „ - - | Trinity Board Sch. - | 17 | 11 | .. | .. | 0 11 0 |
| „ - - | St. Saviour's Nat. Sch. - | 48 | 70 | .. | 1 | 2 0 6 |
| Ratcliff - - | Board Sch. - - | 19 | 19 | .. | .. | 2 16 3 |
| Regent Street - | Royal Polytechnic Inst. - | 44 | 52 | 16 | 21 | 27 18 4 |
| St. Martin's - - | Wkg. Men's Club - | 7 | 11 | .. | .. | .. |
| St. Martin's Lane (Upper). | Artizan's Inst. - - | .. | 10 | .. | .. | .. |
| Somers Town - | Brit. Sch. - - - | 47 | 84 | 11 | 26 | 26 2 0 |
| South Bromley - | St. Michael's, Bright St. - | 118 | 115 | 13 | 12 | 8 0 0 |
| South Hornsey - | Milton Road Sch. - | .. | 85 | .. | 3 | .. |
| South Lambeth - | St. Barnabas' Sch. - | 27 | 30 | 8 | 9 | 12 0 6 |
| Southwark - - | Swan Street Nat. Sch. - | 70 | 35 | 9 | 4 | 13 15 0 |
| „ - - | Wes. Sch., Chapel Place - | 19 | 134 | 2 | 3 | .. |
| „ - - | St. Saviour's Parochial Sch. | 14 | 12 | 1 | .. | .. |
| Stepney - - | Meeting Sch. - - | 46 | 9 | .. | 5 | .. |
| „ - - | Mile End Old Town Sch. | .. | 72 | .. | 7 | 15 0 0 |
| „ - - | Boys' Board Sch., Gloster Street - - | .. | 41 | .. | 10 | .. |
| „ - - | Girls' Board Sch., Gloster Street - - | .. | 17 | | | |
| „ - - | St. Paul's Sch. - - | 66 | 30 | 1 | 1 | 2 8 4 |
| „ - - | Board Sch., Jonson St. - | 38 | 15 | 5 | 2 | 4 15 6 |
| „ - - | John Knox Sch., Oxford Street. | 6 | 6 | 4 | 3 | 0 12 6 |
| Stockwell - - | Training College - - | 125 | 125 | 2 | 27 | .. |
| Vauxhall - - | London and South-western Railway Literary Institute. | .. | 23 | 2 | 5 | 6 3 0 |
| Victoria Park - | St. John's Sch. - - | .. | 12 | .. | .. | 1 10 0 |
| Walworth - - | Lit. and Sci. Inst. - | .. | 8 | .. | 5 | 1 2 0 |

* Including fees for Art.

List of Schools examined in May 1875—*continued.*



| Town. | Where held. | Number of Individuals under Instruction. | | Number of Prizes and Medals Obtained. | | Fees received during the Session 1874–75. |
|---|---|---|---|---|---|---|
| | | 1874. | 1875. | 1874. | 1875. | £ s. d. |
| London—*cont.* | | | | | | |
| Walworth - - | Board Sch., Westmoreland Road. | .. | 36 | .. | 7 | 3 14 0 |
| Wandsworth - - | Girls' Brit. Sch., Frogmore. | 24 | 23 | 3 | .. | .. |
| „ - - | R. C. Trg. Coll. - - - | .. | 43 | .. | 3 | .. |
| West London - | Sch. of Art, 304, Great Portland Street. | 30 | 27 | .. | .. | *605 1 5 |
| Westbourne Park - | St. Stephen's Sch., 91, Westbourne Park Rd. | .. | 35 | .. | 7 | 29 16 8 |
| „ „ - | Chapel Sch., Lancaster Rd. | .. | 14 | .. | 1 | 1 15 0 |
| Westminster - - | Wes. Training College - | 195 | 132 | 130 | 169 | .. |
| „ - - | Practising Sch. - - | .. | 77 | .. | .. | 2 6 0 |
| „ - - | St. James the Less - | 55 | 87 | 8 | 33 | 32 8 0 |
| „ - - | St. Margaret's Parochial Sch., Tothill Street. | 10 | 14 | .. | 1 | 1 7 0 |
| „ - - | St. Stephen's Nat. Sch. - | 37 | 63 | 9 | .. | 8 17 0 |
| „ - - | Grosvenor Wkg. Men's Club, Buckingham Palace Road. | 22 | 14 | .. | .. | *4 8 0 |
| „ - - | St. Margaret's Tech. Sch., Artillery Row. | .. | 78 | .. | 12 | 5 7 9 |
| Westminster Bridge Road - - | Yorkshire Soc. Sch. - | 46 | 54 | 43<br>1 S. | 2 B.<br>56 | .. |
| Whitechapel - - | Whitechapel Society's Sch., St. Mary's Street. | 61 | 13 | 1 | .. | .. |
| „ - - | St. Mark's Nat. Sch. - | .. | 22 | .. | .. | 1 0 0 |
| Longwood - - | Free Gram. Sch. - - | 18 | 5 | 4 | .. | .. |
| Loughor - - | Nat. Sch. - - - | 10 | 24 | .. | 2 | .. |
| Loughborough - - | Lancasterian Boys' Sch. - | 35 | 18 | 3 | 3 | 2 17 0 |
| Luton - - - | Town Hall - - - | 43 | 53 | 1 | 6 | 7 14 0 |
| Lutterworth - - | Sherrier's Sch. - - - | 37 | 37 | 9 | 5 | 1 7 0 |
| Macclesfield - - | Modern Free Sch. - | 40 | 68 | 7 | 10 | 35 5 0 |
| Maidstone - - | Middle Class Boys' Sch. - | .. | 87 | .. | 34 | 21 8 0 |
| „ - - | Middle Class Girls' Sch., Earl Street. | 74 | 30 | .. | 1 | .. |
| „ - - | All Saints Youth's Inst. - | 18 | 71 | .. | 1 | .. |
| „ - - | Wes. Sch. - - - | .. | 18 | .. | 1 | 0 15 0 |
| Mallwyd - - | Ch. of Eng. Sch. - - | .. | 38 | .. | 18 | 3 15 0 |
| Malvern (North) - | Nat. Sch. - - - | 32 | 18 | .. | .. | .. |
| Malvern (Link) - | Nat. Sch. - - - | 10 | 9 | .. | 1 | .. |
| Manchester - - | Gram. Sch. - - | 430 | 542 | 192<br>1G.2S.<br>3 B. | 273<br>3G.2S.<br>2 B. | .. |
| „ - - | Building Trades Inst., St. John's Sch. | 109 | 81 | 11 | 2 | *23 15 6 |
| „ - - | Hulme Domestic Mission Schoolroom. | 51 | 51 | 10 | 6 | .. |
| „ - - | Hulme, St. John Baptist Sch. | 6 | 5 | .. | 1 | .. |
| „ - - | Hulme, St. Mark's Ch. Sch. | 16 | 36 | 1 | 8 | 2 5 6 |
| „ - - | Hulme, St. Michael's Sch. | 14 | 7 | .. | .. | *4 0 0 |
| „ - - | Hulme, Wkg. Men's Inst. | 22 | 21 | 7 | 11 | 5 2 6 |
| „ - - | Mech. Inst., David Street | 371 | 520 | 40 1 G. | 82 | *28 15 0 |
| „ - - | Cheetham, St. John's Sch. | 65 | 50 | 5 | 1 | 5 11 0 |
| „ - - | St. Wilfrid's R. C. Sch., Rutland Street. | 27 | 36 | 16 | 9 | 4 2 6 |
| „ - - | Wes. Day Sch., 50, Chancery Lane, Ardwick. | 24 | 19 | 2 | .. | .. |
| „ - - | Schoolmaster's Class, New Jerus. Sch., Peter St. | 76 | 90 | 21 | 13 | 18 6 0 |
| „ - - | Peter Street Schs. - | 174 | 108 | 7 | 16 | .. |
| „ - - | Presbyterian Schs., Ancoats. | 34 | 59 | 7 | 20 | 18 5 0 |
| „ - - | Sch. of Art, Royal Inst. - | 55 | 10 | .. | 2 | .. |
| „ - - | St. Philip's Sch. - - | .. | 45 | ... | 1 | 1 4 0 |
| „ - - | St. Thomas's Sch., Ardwick. | .. | 25 | .. | .. | 1 15 0 |
| „ - - | Dom. Mission Sch., Rochdale Road. | .. | 60 | .. | 4 | 1 12 6 |

* Including fees for Art.

Appendix B, SCIENCE SCHOOLS. RESULTS.

List of Schools examined in May 1875—*continued.*

| Town. | Where held. | Number of Individuals under Instruction. | | Number of Prizes and Medals Obtained. | | Fees received during the Session 1874-75. |
|---|---|---|---|---|---|---|
| | | 1874. | 1875. | 1874. | 1875 | £ s. d. |
| Manchester | St. Clement's Boys' Sch. | .. | 21 | .. | .. | .. |
| " | Young Men's Christian Assoc., Piccadilly | .. | 37 | .. | 2 | 4 17 6 |
| " | Young Men's Christian Assoc., Queen's Road | | | | | |
| Mansfield | Mech. Inst. | 26 | 28 | 1 | 11 | 2 17 6 |
| Market Harborough | Brit. Sch. | 8 | 25 | 2 | 6 | 2 2 0 |
| Maryport | Nat. Sch. | .. | 13 | .. | .. | 1 2 0 |
| Masham | Gram. Sch. | .. | 16 | .. | 6 | 4 0 0 |
| Matlock Bath | Nat. Sch. | 28 | 30 | 8 | 14 | 8 16 3 |
| Melksham | Lowbourne Road Brit. Sch. | 20 | 12 | 4 | 1 | 6 8 8 |
| Meltham Mills | Nat. Sch. | 23 | 15 | .. | 3 | 0 17 6 |
| Melton Mowbray | Ch. Free Sch. | .. | 19 | .. | 1 | 2 10 0 |
| Mereclough (near Burnley). | Wes. Sch. | 14 | 10 | 1 | 3 | .. |
| Merthyr Tydvil | Dowlais Ivor Sch. | 18 | 28 | .. | 1 | |
| " | Abermorlais Board Sch. | 53 | 53 | 6 | 6 | 10 10 0 |
| " | Penydarren Board Sch. | 23 | 43 | .. | 2 | |
| " | St. David's Nat. Schs. | 59 | 35 | 2 | 2 | .. |
| " | Cyfarthfa Sch. | 30 | 12 | .. | .. | .. |
| Middlesboro'-on-Tees | Sch. of Art, Mech. Inst. | 11 | 10 | 5 | 1 | 8 8 0 |
| Middleton (Manchester). | Gram. Sch., Irk Street | 41 | 13 | 1 | 3 | 2 19 0 |
| Milbrook | Sunday Sch. | .. | 11 | .. | .. | 0 12 0 |
| Milford (Derby) | Brit. Sch. | 66 | 87 | 3 | 5 | 5 4 0 |
| Milnrow | Branch Store, Kiln Street | .. | 7 | .. | .. | .. |
| Mirfield | Wes. Sch. | .. | 18 | .. | 2 | 3 15 0 |
| " | Gram. Sch. | 31 | 22 | 2 | 3 | 3 0 0 |
| Mortlake | Nat. Sch. | .. | 12 | .. | .. | .. |
| Mossley | Mech. Inst. | .. | 11 | .. | 1 | .. |
| Nelson-in-Marsden | Lomeshaye Schs. | 12 | 16 | 9 | 6 | 1 5 0 |
| " | Great Marsden Nat. Sch. | 43 | 27 | 1 | 1 | .. |
| Newark-on-Trent | Mech. Inst. | 22 | 20 | 3 | 6 | .. |
| Newcastle-on-Tyne | Mech. Inst., Elswick | 199 | 202 | 143 1G.2S. 3 B. | 107 3G.2S. 1 B. | *47 11 6 |
| " | Mech. Inst., New Bridge Street. | 95 | 166 | 29 | 30 | 45 0 0 |
| " | Sch. of Art, Museum Place. | 50 | 20 | 3 | 3 | 21 14 6 |
| " | Ch. of Eng. Inst., Percy Street. | .. | 24 | .. | .. | 7 12 6 |
| Newcastle-under-Lyme | End. Mid. Sch., Higherland | 50 | 12 | .. | 1 | .. |
| " | Wes. Sch., School Street | .. | 19 | .. | 2 | 2 16 0 |
| New Church | Mech. Inst. | .. | 15 | .. | .. | 0 10 0 |
| New Cross | Board Sch., Clifton Road | .. | 54 | .. | 13 | .. |
| Newport (Mon.) | Pillgwenlly Wes. Sch. | 69 | 60 | 25 | 3 | 9 13 6 |
| " | Free Library, Savings' Bank Chambers. | 20 | 58 | 19 | 21 | 26 1 6 |
| Newton-le-Willows | St. Peter's Sch. | 11 | 14 | .. | 7 | 1 10 0 |
| Newton Heath | Brit. Sch., Droylsden Road. | 17 | 26 | 2 | 14 | .. |
| Newtown | Nat. Sch. | 23 | 14 | .. | 2 | .. |
| Northampton | Sch. of Science, Corn Exchange, Waterloo. | .. | 152 | .. | 30 | 9 5 0 |
| North Ormesby | Church Inst. | 9 | 13 | .. | 6 | 4 10 0 |
| North Shields | Free Library | 36 | 26 | .. | 3 | 10 0 0 |
| " | Christ Ch. Sch. Albion Road. | 8 | 18 | .. | .. | 1 11 3 |
| " | Kettlewell Sch., George Street. | 23 | 16 | .. | 1 | *10 5 0 |
| North Tawton | Middle Class Sch. | .. | 40 | .. | .. | .. |
| Norwich | Presbyterian Sch. | 41 | 24 | 5 | 3 | .. |
| " | St. Mark's Boys' Sch. | 37 | 31 | 3 | 1 | 1 13 3 |
| " | Boys' Model Sch. | 99 | 88 | 33 | 26 | 5 2 6 |
| " | St. Philip's Nat. Sch., Paragon Hill, Heigham. | 25 | 25 | .. | 5 | .. |

* Including fees for Art.

List of Schools examined in May 1875—*continued.*

| Town. | Where held. | Number of Individuals under Instruction. | | Number of Prizes and Medals Obtained. | | Fees received during the Session 1874-75. |
|---|---|---|---|---|---|---|
| | | 1874. | 1875. | 1874. | 1875. | £ s. d. |
| Norwich | Chem. Assist. Assoc., Duke's Place Yard. | 16 | 32 | 7 | 5 | 4 12 6 |
| Nottingham | Mech. Inst. | 211 | 265 | 43 | 1B. 34 | 30 12 6 |
| " | St. Ann's Nat. Sch. | 46 | 59 | 2 | 4 | 4 0 0 |
| " | St. Saviour's Sch. | 137 | 164 | 20 | 19 | 20 0 0 |
| " | All Saints Boys' Sch., Raleigh Street. | 53 | 38 | 6 | .. | .. |
| " | Wes. Day Sch., Arkwright Street. | 32 | 25 | .. | .. | 1 15 0 |
| " | Lenton Nat. Sch. | .. | 6 | .. | .. | 1 0 0 |
| " | Board Sch. | .. | 20 | .. | .. | .. |
| " | St. Mary's Class Room | .. | 21 | .. | .. | 1 14 0 |
| " | Congl. Inst. | .. | 30 | .. | .. | .. |
| " | Brit. Sch., New Radford. | .. | 5 | .. | .. | .. |
| Oldbury | Nat. Sch. | 35 | 20 | .. | 1 | 1 17 6 |
| Oldham | Glodwick Mutual Imp. Soc. | 16 | 24 | .. | 2 | 6 15 0 |
| " | Sci. and Art Sch. | 173 | 223 | 18.1B. | 47 | 80 10 6 |
| " | Werneth Mech. Inst. | 35 | 35 | 4 | 7 | 8 15 0 |
| " | Westwood Board Sch. | .. | 14 | .. | 10 | 2 19 0 |
| " | Mutual Imp. Soc. | .. | 12 | .. | 1 | 0 12 5½ |
| Olney | Nat. Sch. | .. | 10 | .. | 11 | 1 17 6 |
| Openshaw | Mech. Inst., Pottery Lane. | 53 | 86 | 5 | 9 | 7 0 0 |
| " | Cong. Sch., Higher Openshaw. | .. | 10 | .. | 1 | .. |
| Oswaldtwistle | Sci. and Art Sch., Union Road. | 136 | 43 | 36 | 9 | 9 17 6 |
| " | Wes. Sch., Chapel Street | .. | 68 | .. | 5 | 2 0 0 |
| " | Busk Sch. | .. | 6 | .. | .. | .. |
| " | Nat. Sch., Cabin End | 17 | 37 | 3 | 8 | 3 7 4 |
| " | Holy Trin. Sch. | 20 | 10 | 5 | .. | .. |
| Oundle | Brit. Sch. | 25 | 35 | 6 | 3 | 3 16 0 |
| Oxford | University Museum and Wes. Sch. | 155 | 125 | 31 | 20 | .. |
| " | Boys' Nat. Sch., Princes Street. | 57 | 34 | 1 | .. | 15 17 6 |
| Padiham | Wes. Sch. | 18 | 18 | 11 | 13 | 2 5 0 |
| Patricroft | Mech. Inst. | 28 | 35 | 4 | 7 | *8 15 0 |
| Pavenham | Church of Eng. Sch. | 8 | 5 | 4 | 4 | 0 8 0 |
| Pembroke Dock | Board Sch., Meyrick Street. | 22 | 20 | 2 | 3 | .. |
| " | Nat. Sch. | 43 | 49 | .. | 10 | .. |
| Pendeen | Nat. Sch. | 20 | 39 | 6 | 5 | 6 0 0 |
| Penketh | Wes. Day Sch. | .. | 4 | .. | .. | .. |
| Penrith | Wes. Sch. | 9 | 16 | 2 | 4 | .. |
| " | Boys' Nat. Sch., Benson Row. | 15 | 32 | 4 | .. | .. |
| Penryn | New Street Sch. | .. | 18 | .. | 3 | 1 15 6 |
| Penzance | Wes. Sch. | 44 | 25 | 7 | .. | .. |
| " | Sch. of Sci. and Art | .. | 19 | .. | 9 | *106 13 9 |
| " | St. Mary's Girls' Nat. Sch. | | | | | |
| " | Royal Cornwall Geological Museum | .. | 22 | .. | 13 | 5 15 0 |
| " | Boys' Nat. Sch., Regent's Place | .. | 31 | .. | .. | 4 4 0 |
| Pershore | Nat. Sch. | .. | 20 | .. | .. | 2 11 9 |
| Peterborough | St. Peter's College | 73 | 51 | 5 | 43 | .. |
| " | Boys' Brit. Sch. | 50 | 61 | 1 | 5 | 4 6 0 |
| " | Town Hall | 65 | 45 | 17 | 29 | 13 12 0 |
| Pill | Benevolent Soc. | .. | 2 | .. | .. | 0 4 0 |
| Pinner | Commercial Travellers' Sch., Hatch End. | .. | 40 | .. | 17 | .. |
| Plaistow | St. Andrew's | .. | 23 | .. | .. | .. |
| Plumstead | St. James's Sch. | 27 | 38 | 1 | 9 | 2 6 0 |
| " | Wes. Sch. | 15 | 18 | .. | .. | .. |
| " | Burrage Grove Board Sch. | .. | 59 | .. | 1 | .. |

* Including fees for Art.

Appendix B.

SCIENCE SCHOOLS. RESULTS.

List of Schools examined in May 1875—*continued.*

| Town. | Where held. | Number of Individuals under Instruction. | | Number of Prizes and Medals Obtained. | | Fees received during the Session 1874-75. |
|---|---|---|---|---|---|---|
| | | 1874. | 1875. | 1874. | 1875. | £ s. d. |
| Plumstead | Coll. Sch., Plumstead Common. | 50 | 60 | .. | 16 | .. |
| Plymouth | St. Andrew's Sch., Princess Street. | 48 | 34 | 2 | 9 | .. |
| " | Sci. and Art. Coll. | 130 | 140 | 41 | 44 | .. |
| " | Charles Nat. Sch., Shaftesbury Cottage. | 71 | 55 | 5 | 17 | .. |
| " | George Street Sch. | 109 | 109 | 10 | 94 | .. |
| " | Public Free Sch. | 43 | 40 | 1 | 9 | 4 15 9 |
| " | Holy Trinity Boys' Sch. | 24 | 5 | 1 | 1 | .. |
| " | Courtenay Street, Sci. and Art Sch. | 395 | 167 | 38<br>23<br>1 G. | 76<br>2 B. | .. |
| " | Navigation Sch. | .. | 273 | .. | .. | .. |
| Pontardulais | Tin Plate Works | .. | 33 | .. | 1 | 1 2 6 |
| " | Nat. Sch. | .. | 23 | .. | .. | 1 0 0 |
| Portland | The Grove Sch. | 28 | 39 | .. | .. | .. |
| Portsmouth and Gosport. | Sch. of Art | 180 | 130 | 19<br>1 B. | 50<br>9 | 62 2 0 |
| " | Market House, Gosport | | 35 | | | |
| Preston | Avenham Inst., Sch. of Art. | 9 | 18 | 6 | 4 | *113 1 9 |
| " | St. Paul's Nat. Sch. | 80 | 104 | 15 | 42 | 26 2 6 |
| " | Moor Lane United Meth. Free Sch. | .. | 32 | .. | 3 | 5 10 0 |
| " | Cong. Sch., Lancaster Rd. | 54 | 69 | 17 | 36 | *24 10 0 |
| Pudsey | Mech. Inst. | 9 | 11 | 9 | 6 | 2 7 6 |
| Queensbury | Nat. Sch. | 11 | 24 | 6 | 8 | 2 10 0 |
| Quinton | Nat. Sch. | 11 | 6 | 1 | .. | 0 10 0 |
| Ramsbottom | Stubbins Cong. Sch. | .. | 10 | .. | 1 | 2 5 0 |
| " | St. Paul's Sch., Crow Lane. | .. | 36 | .. | 13 | *8 15 0 |
| Raunds | Wes. Day Sch. | 19 | 12 | 8 | 10 | 2 0 0 |
| Ravensthorp | Mech. Inst. | .. | 11 | .. | .. | .. |
| Rawtenstall | Ind. Co-operative Soc., Bank Street. | 23 | 20 | 3 | .. | 4 4 0 |
| " | Wes. Sch., Bank Street | .. | 20 | .. | 1 | 2 15 0 |
| " | Brit. Sch. | .. | 19 | .. | 3 | 2 4 0 |
| Reading | Sch. of Art | .. | 32 | .. | 8 | 31 0 0 |
| " | Vastern Street | | 50 | | | |
| Redditch | Nat. Sch. | 38 | 32 | 5 | 8 | 3 1 0 |
| " | Ipsley Street Wes. Sch. | 19 | 17 | 2 | 1 | 0 18 0 |
| Redruth | The Inst. | 48 | 18 | 16 | 1 S. 15 | 6 12 6 |
| " | Freemasons' Road Sch. | .. | 40 | .. | | |
| Rhiwbryfdir | Blaenau Festiniog Nat. Sch. | 21 | 21 | 2 | .. | .. |
| Riddings | Mut. Imp. Assoc. | 38 | 45 | 5 | 6 | 4 7 6 |
| Ripley | Outram Street Sch. | .. | 27 | .. | 7 | 3 1 6 |
| Ripponden | Nat. Sch. | 23 | 31 | 2 | 4 | 7 0 0 |
| Rochdale | Board Sch. | 66 | 72 | 19 | 10 | 8 12 6 |
| " | Par. Ch. Schs. | 41 | 29 | 4 | 5 | 3 5 4 |
| " | Equitable Pioneers' Society's Rooms. | 50 | 83 | 13 | 17 | 11 0 5 |
| " | Wes. Sch. | .. | 12 | .. | .. | .. |
| Rochester | Board Sch., King Street | 5 | 21 | 1 | 1 | 3 0 0 |
| " | Aveling and Porter's Lecture Room. | .. | 20 | .. | 2 | 3 17 6 |
| Ross | Board Sch. | 42 | 24 | 14 | 9 | 3 4 0 |
| Rotherham | Lit. and Mech. Inst., Sch. of Art. | 31 | 42 | 5 | 4 | 16 18 0 |
| " | Wes. Day Sch. | .. | 46 | .. | .. | 1 16 0 |
| Rugby | Institute | 33 | 21 | 1 | 3 | 1 15 0 |
| " | St. Matthew's Sch. | | 20 | | | |
| Rugeley | Prince of Wales' Sch. | 11 | 5 | 4 | 7 | .. |
| Rushbury | Nat. Sch. | .. | .. | .. | .. | .. |
| St. Agnes | Institute | 19 | 15 | 5 | 1 | 3 5 0 |
| St. Alban's | Brit. Sch. | 37 | 10 | .. | .. | 1 16 6 |
| " | Town Hall | | | | | |
| St. Day | Temperance Hall | 18 | 14 | 4 | 2 | 3 0 0 |

* Including fees for Art.

List of Schools examined in May 1875—*continued.*



| Town. | Where held. | Number of Individuals under Instruction. | | Number of Prizes and Medals Obtained. | | Fees received during the Session 1874-75. |
|---|---|---|---|---|---|---|
| | | 1874. | 1875. | 1874. | 1875. | £ s. d. |
| St. Helen's | Commercial Sch. | .. | 46 | .. | 11 | 10 2 6 |
| ,, | Holy Trinity Sch. | .. | 29 | .. | 5 | 5 11 0 |
| ,, | Boys' Sch., Moorflat | .. | 33 | .. | 1 | .. |
| St. Ives' (Corawall) | St. John's Nat. Sch. | .. | 14 | .. | 3 | .. |
| St. Ives' (Huntingdon) | British Sch., North Road | .. | 30 | .. | 10 | 2 10 0 |
| ,, ,, | British Sch., Cemetery Road. | 27 | 8 | 3 | 2 | .. |
| St. Just | Nat. Sch. | .. | 8 | .. | .. | 1 2 6 |
| ,, | Wes. Sch. | 20 | 20 | 3 | 2 | 1 15 0 |
| St. Mary Cray | Nat. Sch. | 22 | 12 | 1 | 2 | 1 10 0 |
| Salford | Wkg. Men's College | 69 | 94 | 15 | 26 | 12 12 0 |
| ,, | Iron Works, Deal Street | 46 | 68 | 14 | 17 | 8 0 0 |
| ,, | Richmond Hill Elem. Sch. | 19 | 13 | .. | 1 | .. |
| ,, | Ch. Ch. Upper Sch. | .. | 26 | .. | 2 | .. |
| ,, | St. Peter's R. C. Sch. | .. | 13 | .. | 6 | 0 16 0 |
| Salisbury | Training Sch. | 41 | 40 | 14 | 8 | .. |
| ,, | Lit. and Sci. Inst. | .. | 38 | .. | 6 | 1 1 0 |
| Saltaire | Club and Inst. Sch. of Art. | 57 | 61 | 13 | 26 | 9 10 0 |
| Saltash | Board Sch. | .. | 7 | .. | .. | .. |
| Saltley | Training College | 100 | 100 | 16 | 73 | .. |
| Sawley | Nat. Sch. | .. | 22 | .. | .. | 2 6 6 |
| Scarborough | Mech. Inst. | 45 | 43 | 6 | 13 | 2 5 0 |
| ,, | Nat. Sch., Castle Road | 23 | 15 | 4 | 5 | 1 12 6 |
| ,, | Central Board Sch. | .. | 15 | .. | .. | *2 5 0 |
| Seacombe | Wes. Sch. | .. | 23 | .. | 11 | 3 12 0 |
| Seacroft | Nat. Sch. | 11 | 21 | 7 | 16 | 2 18 0 |
| Seaham Harbour | Girls' Nat. Sch. | 8 | 2 | 3 | .. | 0 7 0 |
| Sedgefield | Boys' Sch. | .. | 15 | .. | 1 | .. |
| Sedgeley | All Saints' Sch. | 23 | 14 | .. | .. | *0 9 0 |
| Selby | Sch. of Art, Mech. Inst. | 9 | 13 | 3 | 3 | 3 7 6 |
| ,, | Wes. Day Sch., James Street. | 4 | 3 | 1 | .. | .. |
| Shaldon | Teign Bridge House Sch. | .. | 41 | .. | 17 | 5 2 6 |
| Sheepshed | Nat. Sch., Forest Lane | 22 | 12 | 2 | .. | .. |
| Sheerness | Brit. Sch. | 31 | 35 | 18 | 11 | 8 15 0 |
| ,, | Nat. Sch., Bankstown | 25 | 18 | 4 | .. | .. |
| Sheffield | Christian and Educational Inst. | .. | 14 | .. | .. | 2 17 0 |
| ,, | Ch. of Eng. Educ. Inst. | 51 | 108 | 4 | 10 | *92 11 3 |
| ,, | Carbrook Board Sch. | .. | 61 | .. | 2 | 4 6 3 |
| ,, | Bridgehouses School-room. | 22 | 22 | 2 | .. | .. |
| ,, | Mech. Inst. | 54 | 26 | 5 | .. | 15 10 0 |
| ,, | Park Wes. Educ. Inst. | 8 | 10 | 2 | .. | .. |
| ,, | Sch. of Art | 50 | 60 | 2 | 7 | 52 18 6 |
| ,, | Attercliffe Board Sch. | .. | 11 | .. | 1 | 4 3 0 |
| Shelf | Brit. Sch. | 8 | 15 | .. | .. | .. |
| Shelley | Mech. Inst. | .. | 17 | .. | 6 | 4 10 0 |
| Shepton Mallet | Nat. Sch. | 12 | 4 | .. | .. | 0 10 0 |
| Sherborne | Brit. Schoolroom | 7 | 7 | 3 | 1 | .. |
| Shirehampton | Nat. Sch. | 18 | 12 | 1 | 1 | 2 10 6 |
| Shrewsbury | Nat. Sch., Abbey Foregate. | 20 | 15 | .. | 2 | 1 10 0 |
| ,, | Sch. of Sci. and Art, Vaughan's Mansion. | 46 | 49 | 8 | 9 | 8 3 9 |
| Skipton | Mech. Inst. | 18 | 18 | 5 | 1 | .. |
| Slough | Mech. Inst. | .. | 4 | .. | .. | .. |
| Smallbridge | Cong. Sch. | 14 | 6 | .. | .. | 1 16 0 |
| ,, | St. John's Nat. Sch. | 7 | 10 | 4 | .. | 3 0 0 |
| ,, | Wardle Wes. Sch. | 11 | 13 | .. | .. | 3 6 0 |
| Smethwick | St. Matthew's School-room. | 31 | 18 | .. | .. | .. |
| ,, | Trinity Sch. | 30 | 26 | .. | .. | *3 10 0 |
| Southampton | Hartley Inst. | 112 | 116 | 37 | 36 | 18 8. .. |
| ,, | Highfield Sch. | 19 | 25 | 2 | 5 | 1 12 0 |
| ,, | St. Luke's Sch. | 41 | 40 | .. | 6 | 3 9 0 |
| | Taunton's Sch. | 65 | 39 | 7 | 4 | .. |
| Southport | Ch. Ch. Nat. Sch. | .. | 32 | .. | 13 | 11 5 0 |

Including fees for Art.

Appendix B.

SCIENCE SCHOOLS. RESULTS.

List of Schools examined in May 1875—*continued.*

| Town. | Where held. | Number of Individuals under Instruction. | | Number of Prizes and Medals Obtained. | | Fees received during the Session 1874–75. | | |
|---|---|---|---|---|---|---|---|---|
| | | 1874. | 1875. | 1874. | 1875. | £ | s. | d. |
| South Shields | Free Library | 53 | 53 | 9 | 18 | 19 | 17 | 6 |
| " | Jarrow Chem. Co.'s Sch. | 74 | 71 | .. | .. | 2 | 12 | 6 |
| Southwell | Wes. Sch. | .. | 11 | .. | 2 | .. | | |
| Sowerby Bridge | Nat. Sch. | 52 | 30 | 8 | 3 | 6 | 7 | 6 |
| Stainland | Holywell Green, Mech. Inst. | .. | 7 | .. | 2 | 1 | 0 | 2 |
| Stalybridge | Mech. Inst. | 92 | 76 | 10 | 22 | 13 | 11 | 0 |
| Stamford | St. Martin's Sch | 22 | 14 | .. | .. | 0 | 10 | 0 |
| " | Lit. and Sci. Inst. | .. | 22 | .. | .. | 3 | 10 | 0 |
| Stevenage | Gram. Sch. | 49 | 41 | 10 | 5 | .. | | |
| Stockport | Mech. Inst. | 62 | 82 | 19 | 40 | .. | | |
| " | Church Inst. | 29 | 29 | .. | 2 | 3 | 4 | 0 |
| " | Orphan Sch., Cheadle, Hulme. | 48 | 62 | .. | 25 | .. | | |
| " | Portwood Wes. Sch. | .. | 27 | .. | 2 | .. | | |
| " | Sunday Sch., Duke Street | 46 | 62 | 19 | 19 | 11 | 8 | 6 |
| Stoke-upon-Trent | Athenæum | 40 | 24 | 14 | 13 | 7 | 6 | 0 |
| Stonehouse | Inst. | 24 | 53 | 15 | 17 | 4 | 0 | 0 |
| Stratford | Board Sch., Station Street | .. | 38 | .. | 5 | 9 | 3 | 0 |
| " | Great Eastern Railway Mech. Inst. | 28 | 30 | 2 | 2 | 7 | 2 | 6 |
| " | Buxton College, Forest Lane. | 60 | 57 | .. | 3 | *27 | 10 | 0 |
| Street | Wkg. Men's Club | .. | 21 | .. | .. | 2 | 7 | 6 |
| Strood | Wkg. Men's Club and Inst. | 25 | 17 | 3 | 4 | 2 | 17 | 3 |
| Stroud | Bussage House Sch. | .. | 21 | .. | 13 | 22 | 0 | 0 |
| " | Stratford Abbey | .. | 37 | .. | 2 | 14 | 12 | 6 |
| Sunderland | Sch. of Art, 21, Fawcett Street. | 12 | 14 | 3 | .. | 17 | 10 | 0 |
| " | Milton House Academy | .. | 54 | .. | 10 | 13 | 0 | 0 |
| " | Bishop Wearmouth Nat. Sch., Rectory Park. | 59 | 59 | 4 | 6 | 1 | 14 | 0 |
| " | Monkwearmouth, Workman's Hall. | 44 | 65 | 6 | 9 | 17 | 14 | 0 |
| " | Wes. Day Sch., Nicholson Street. | .. | 19 | .. | 1 | 1 | 5 | 0 |
| Sutton (Yorks) | Nat. Sch. | .. | 5 | .. | .. | *16 | 5 | 5 |
| Swansea | Royal Inst. | 37 | 56 | 26 | 41 | .. | | |
| Swindon | Great Western Railway Sch., Bristol Street | 178 | 136 | 30 | 9 | 13 | 9 | 0 |
| " | Great Western Railway Sch., Regent Street | | | | | | | |
| Sydenham | Board Sch. | .. | 48 | .. | 2 | 5 | 12 | 6 |
| Syston | Parochial Sch. | 40 | 14 | 1 | 1 | .. | | |
| Tamworth | Nat. Sch. | .. | 11 | .. | .. | 6 | 0 | 0 |
| Tarporley | Nat. Sch. | .. | 11 | .. | 1 | .. | | |
| Taunton | Central Nat. Sch. | 15 | 23 | 4 | .. | 1 | 15 | 0 |
| " | Huish Boys' Sch. | .. | 24 | .. | .. | .. | | |
| Tavistock | Board Sch., Plymouth Road. | .. | 23 | .. | 2 | 0 | 3 | 0 |
| | Duke of Bedford's Sch., Gulworthy. | 24 | 33 | 2 | 2 | 2 | 12 | 6 |
| Tewkesbury | Nat. Sch. | 34 | 51 | 13 | 12 | 8 | 5 | 0 |
| Thorne | Brooke's Grammar Sch. | 15 | 27 | .. | 1 | 1 | 10 | 6 |
| Tipton | No. 5 Board Sch. | .. | 11 | .. | .. | 1 | 0 | 0 |
| Todmorden | Vale Academy, Patmos Street. | 58 | 49 | 18 | 9 | 1 | 15 | 0 |
| Tonbridge | Mech. Inst. | 9 | 16 | 9 | .. | 1 | 4 | 6 |
| Torpoint | Wes. Sch. | .. | 14 | .. | .. | 2 | 5 | 0 |
| " | Nat. Sch. | .. | .. | .. | 9 | .. | | |
| Torquay | Sch. of Sci. and Art | 120 | 114 | 231 G. | 39 | 44 | 6 | 6 |
| Totnes | Board Sch. | 59 | 22 | 5 | 1 | *9 | 18 | 0 |
| Troon | John Dennis Sch. | .. | 12 | .. | 1 B. 2 | 1 | 17 | 6 |
| Truro | Brit. Sch. | 51 | 38 | 14 | 8 | 5 | 12 | 6 |
| " | Cornwall Central Sch. | 16 | 22 | 7 | 11 | 4 | 17 | 6 |
| " | Sch. of Art | .. | 6 | .. | 1 | *79 | 18 | 9 |
| Tunbridge Wells | Belgrave Mech. Inst. | 23 | 32 | .. | 12 | 2 | 15 | 6 |
| Tyldesley | Mech. Inst. | 18 | 22 | 4 | 4 | .. | | |

* Including fees for Art.

List of Schools examined in May 1875 *continued.*

Appendix B.

SCIENCE SCHOOLS. RESULTS.

| Town. | Where held. | Number of Individuals under Instruction. | | Number of Prizes and Medals Obtained. | | Fees received during the Session 1874-75. | | |
|---|---|---|---|---|---|---|---|---|
| | | 1874. | 1875. | 1874. | 1875. | £ | s. | d. |
| Uttoxeter | New Day Sch. | .. | 27 | .. | 7 | 3 | 7 | 6 |
| Victoria Docks | Nelson Street | .. | 12 | .. | .. | 5 | 0 | 0 |
| " " | St. Mark's Wkg. Men's Club. | .. | 11 | .. | .. | .. | | |
| Wakefield | Trinity Ch. Young Men's Society. | 30 | 18 | 3 | 6 | .. | | |
| " | Laboratory, Wood Street | 16 | 40 | .. | 16 | 10 | 0 | 0 |
| " | Smyth Street Acad. | 35 | 50 | 23 | .. | 5 | 0 | 0 |
| " | Sch. of Art | 7 | 6 | 1 | 2 | *124 | 5 | 0 |
| Wallington | Church School-rooms | 17 | 13 | 5 | 2 | .. | | |
| Walmer | Nat. Sch. | 26 | 7 | 1 | .. | 0 | 15 | 0 |
| Walmer Bridge | Brit. Sch. | 7 | 5 | 2 | 3 | .. | | |
| Walsall | Sci. and Art Inst. | 56 | 84 | 24 | 19 | 25 | 0 | 0 |
| " | Athenæum Buildings, Sch. of Art. | .. | 9 | .. | 3 | 6 | 10 | 6 |
| Walsden | Wkg. Men's Club | 43 | 29 | 17 | 11 | 4 | 0 | 0 |
| Walthamstow | Boys' Nat. Sch | 42 | 18 | .. | 4 | 1 | 12 | 6 |
| Wanstead | Infant Orphan Asylum | 79 | 49 | .. | 7 | .. | | |
| Warrington | Nat. Sch. | 41 | 32 | 1 | 3 | .. | | |
| " | Wycliffe Brit. Sch. | .. | 26 | .. | 1 | 4 | 13 | 6 |
| " | People's Coll. | 33 | 32 | 11 | 17 | 6 | 5 | 6 |
| Waterfoot | Brit. Sch. | .. | 28 | .. | .. | 3 | 10 | 0 |
| Watford | Public Library, Sch. of Art. | 32 | 52 | 12 | 1 8. 23 | 12 | 15 | 8 |
| " | London Orphan Asylum. | 75 | 83 | 8 | 13 | .. | | |
| Wednesbury | St. James' Nat. Sch. | .. | 32 | .. | .. | .. | | |
| Wellingborough | Lower Gram. Sch. | .. | 14 | .. | 9 | .. | | |
| " | Freeman's Sch. | 76 | 50 | 19 | .. | 6 | 18 | 9 |
| Wendover | Nat. Sch. | 7 | 7 | .. | .. | .. | | |
| Werrington | Nat. Sch. | .. | 7 | .. | 3 | 1 | 15 | 0 |
| West Bromwich | Board Sch., Queen Street | .. | 16 | .. | 3 | .. | | |
| West Gorton | St. Mark's Nat. Sch. | 31 | 11 | 2 | 1 | .. | | |
| West Ham | Model Free Sch. | 27 | 17 | .. | .. | 1 | 9 | 6 |
| Weymouth | Middle Sch. | .. | 12 | .. | 9 | 7 | 7 | 0 |
| " | Collegiate Sch. | .. | 26 | .. | 2 | .. | | |
| " | Wkg. Men's Club | .. | 13 | .. | 4 | 4 | 5 | 0 |
| " | The Barracks | .. | 13 | .. | 4 | 2 | 10 | 0 |
| Whaleybridge | Horwich Bank Educ. Inst. | 25 | 26 | 3 | 6 | 7 | 1 | 0 |
| " | Band of Hope Hall | .. | 13 | .. | .. | 2 | 9 | 0 |
| Whetstone | Nat. Sch. | 29 | 36 | 9 | 8 | 4 | 17 | 6 |
| Whitehaven | St. Nicholas Boys' Sch. | .. | 11 | .. | 2 | 2 | 1 | 0 |
| Whitworth | Lit. Inst. | 30 | 46 | 7 | 11 | 13 | 15 | 10½ |
| Widnes | Volunteer Hall | .. | 68 | .. | 12 | 10 | 0 | 0 |
| Wigan | St. Paul's Sch., Standish Gate. | 36 | 31 | 5 | 2 | 2 | 5 | 0 |
| " | Mining and Mechanics Sch. | .. | 143 | .. | 13 | 34 | 5 | 0 |
| " | New Jerusalem Schs., Warrington Lane. | .. | 34 | .. | .. | 0 | 5 | 0 |
| Wigston (Great) | Nat. Sch. | .. | 13 | .. | 6 | 1 | 12 | 6 |
| Willenhall | Lit. Inst. | 26 | 16 | 1 | 4 | 8 | 3 | 6 |
| Willesden | Wes. Sch. | .. | 29 | .. | 3 | 1 | 12 | 6 |
| Wilsden | Mech. Inst. | 11 | 11 | 4 | 2 | 1 | 5 | 0 |
| Wimbledon | Spencer Hill Sch. | .. | 24 | .. | 7 | 8 | 5 | 0 |
| Winchester | Training College | 56 | 77 | 17 | 41 | .. | | |
| " | Central Boys' Sch. | 15 | 35 | 7 | 3 | .. | | |
| Witney | Wes. Ment. Improvement Soc. | 9 | 4 | .. | .. | *5 | 9 | 0 |
| Wolstanton | Nat. Sch. | 20 | 18 | 7 | 16 | 3 | 15 | 0 |
| Wolverhampton | St. Peter's Sch. | 60 | 71 | 19 | 18 | 2 | 4 | 0 |
| " | Sch. of Art | 27 | 47 | 4 | 5 | 30 | 17 | 0 |
| " | Bushbury Nat. Sch. | 16 | 11 | 3 | .. | 0 | 7 | 0 |
| " | Free Library, Garrick Street. | 160 | 167 | 14 | 24 | 28 | 18 | 0 |
| " | Agricultural Hall | .. | 14 | .. | 2 | .. | | |
| Wolverton | Sci. and Art Inst. | 108 | 109 | 44 | 50 | 20 | 12 | 6 |
| Woodbury | Nat. Sch. | 3 | 5 | .. | .. | .. | | |
| Woodlesford and Oulton | Mech. Inst. | 5 | 7 | 1 | 1 | *3 | 10 | 0 |

* Including fees for Art.

Appendix B.

SCIENCE SCHOOLS. RESULTS.

List of Schools examined in May 1875—*continued.*

| Town. | Where held. | Number of Individuals under Instruction. 1874. | Number of Individuals under Instruction. 1875. | Number of Prizes and Medals Obtained. 1874. | Number of Prizes and Medals Obtained. 1875. | Fees received during the Session 1874–75. £ s. d. |
|---|---|---|---|---|---|---|
| Woolwich | Presbyterian Sch. | 85 | 124 | 41 | 55 | 8 0 0 |
| " | Royal Arsenal Mech. Inst. | 204 | 190 | 38 | 61 1 G. | 65 13 0 |
| " | St. Michael's Nat. Sch. | 50 | 52 | 6 | 28 | .. |
| " | Albion House School-room, Bowling Green Lane. | 30 | 43 | 9 | 3 | 3 16 0 |
| Worcester | Brewer's Sch., Edgar Street. | 30 | 30 | .. | .. | .. |
| " | Upper and Middle Class Sch. | 91 | 83 | 1 | 1 | 14 0 0 |
| " | St. Martin's Nat. Sch. | 30 | 25 | 2 | 5 | 2 12 6 |
| " | St. Stephen's Nat. Schs. | 44 | 47 | 4 | 3 | 3 0 0 |
| " | St. John's Boys' Sch. | 46 | 14 | 3 | 7 | 0 10 0 |
| " | Free Gram. Sch., The Tything. | 48 | 33 | 2 | 4 | 6 16 6 |
| " | St. George's Sch., Claines | 22 | 7 | .. | 1 | 0 14 0 |
| " | Young Men's Christ. Association, Pierpoint Street. | 23 | 21 | 5 | 1 | .. |
| Worsthorne | Nat. Sch. | 43 | 26 | .. | 2 | 0 10 0 |
| Wortley | Zion Sunday Sch. | .. | 17 | .. | 5 | 2 0 0 |
| Yarmouth (Great) | Sch. of Navigation | 143 | 136 | 18 | 7 | 128 18 6 |
| " | Grammar Sch. | | 24 | | | |
| " | Brit. Sch., St. George's Road. | 47 | 34 | .. | 4 | .. |
| Yeadon | Brit. Sch. | 66 | 45 | 33 | 18 | 4 10 0 |
| York | Bluecoat Sch. | 27 | 21 | 4 | 2 | 5 10 6 |
| " | Grove's Wes. Day Sch. | 24 | 50 | .. | 2 | .. |
| " | Institute, St. Saviour's Gate. | 25 | 55 | 7 | 11 | 16 5 6 |
| " | Priory Street Girls' Sch. | 20 | 30 | 4 | .. | .. |
| " | Training College, Lord Mayor's Walk. | 44 | 24 | .. | .. | .. |
| " | Manor Sch., Bootham | 9 | 8 | .. | .. | .. |
| Totals for England and Wales | | 32,214 | 41,360 | 6,739 | 9,384 | 8757 13 7 |

SCOTLAND.

| | | | | | | |
|---|---|---|---|---|---|---|
| Aberdeen | St. John's Sch. | 33 | 36 | .. | 2 | 7 10 0 |
| " | Mech. Inst. | 139 | 217 | 41 | 58 | 33 4 11 |
| " | Free South Ch. Sch. | 63 | 86 | 3 | 12 | .. |
| Aboyne | Coull Par. Sch. | 8 | 6 | 4 | 1 | .. |
| Alexandria | Mech. Inst. | 15 | 9 | 2 | .. | 1 7 0 |
| Alloa | Academy and Museum Hall | 11 | 34 / 18 | .. | 4 | 11 12 6 |
| Arboath | High Sch. | .. | 154 | .. | 8 | *53 12 0 |
| Ardrossan | Public Sch., No. 1 | 28 | 20 | .. | 1 | .. |
| Ayr | Academy, Fort Street | .. | 72 | .. | 8 | 13 10 0 |
| Beith | Public Sch., New Street | 46 | 81 | 15 | 37 | 7 10 0 |
| Brechin | Mech. Inst., St. Mary Street. | 6 | 32 | .. | 7 | .. |
| Buckie | Public Sch. | 27 | 8 | .. | 4 | 0 10 0 |
| Burghead | Public Sch., Granary Street. | .. | 16 | .. | 1 | 1 6 0 |
| Burntisland | Broom Hill Sch. | 18 | 29 | 2 | 1 | 6 12 6 |
| Campbeltown | United Presbyterian Sch., Dalaruan. | .. | 11 | .. | .. | .. |
| " | Grammar Sch., St. John's Street. | .. | 23 | .. | 7 | .. |
| Crieff | Morrison's Academy | 93 | 60 | .. | 13 | 30 12 6 |
| Cullen | Parish Sch. | 21 | 22 | 9 | 12 | 2 7 6 |
| Cupar | Madras Academy | .. | 21 | .. | .. | .. |
| Darvel | Brown's Institute | .. | 26 | .. | 8 | 2 0 0 |
| Dollar | Institution | 189 | 132 | 25 | 14 | .. |
| Duffus | School | .. | 14 | .. | 5 | 1 11 0 |
| Dumbarton | Burgh Academy | 245 | 225 | 32 1 G. | 28 | 130 0 0 |

* Including fees for Art.

List of Schools examined in May 1875—*continued.*



| Town. | Where held. | Number of Individuals under Instruction. | | Number of Prizes and Medals Obtained. | | Fees received during the Session 1874-75. |
|---|---|---|---|---|---|---|
| | | 1874. | 1875. | 1874. | 1875. | £ s. d. |
| Dumfries - - | Sch. of Art, Academy Street. | 10 | 20 | 3 | 3 | *43 18 6 |
| Dundee - - - | Sch. of Art - - | 95 | 113 | 27 | 23 | *579 4 0 |
| ,, - - - | Institute, Tay Square - | 41 | 54 | 4 | 8 | .. |
| ,, - - - | Young Men's Christ. Assoc. | 81 | 65 | 47 | 24 | 25 5 5 |
| Dunecht - - | Waterton Sch. - - | 20 | 14 | 5 | .. | .. |
| ,, - - | Echt Sch., Cullerlie - | .. | 20 | .. | .. | 3 10 0 |
| Dunkeld - - | Little Dunkeld Parish Sch. | 24 | 23 | 2 | 1 | .. |
| East Kilbride - - | Public Sch. - - | .. | 40 | .. | 5 | 1 4 0 |
| Edinburgh - - | Ch. of Scotland Training College. | 125 | 139 | 56 | 71 | .. |
| ,, - - | Public Sch., South Gray's Close. | 25 | 11 | .. | 2 | .. |
| ,, - - | St. Bernard's Public Sch., Dean Street. | .. | 45 | .. | .. | .. |
| ,, - - | Watt Inst. and Sch. of Art. | 450 | 351 | 40 | 19 | 94 5 0 |
| ,, - - | Free Ch. Training College. | 270 | 208 | 52 | 41 | .. |
| ,, - - | St. James' Sch. - - - | 26 | 50 | 7 | 10 | 5 5 6 |
| ,, - - | Stewart's Inst. - - | .. | 56 | .. | 17 | †511 0 0 |
| ,, - - | St. Leonard's Public Sch. | .. | 12 | .. | .. | .. |
| Ellon - - | Estab. Ch. Vestry - - | .. | 24 | .. | 9 | .. |
| ,, - - | Slain's Public Sch. - - | .. | 17 | .. | .. | .. |
| Fraserburgh - - | Mid Street Academy - | 31 | 37 | 3 | 10 | 9 0 0 |
| ,, - - | Parish Sch., Saltoun Place. | 42 | 30 | 1 | 2 | .. |
| Fyvie - - | Public Sch. - - - | 54 | 38 | 9 | 7 | 4 0 0 |
| Galashiels - - | St. Peter's Sch. - - | 23 | 29 | .. | 1 | 10 17 6 |
| Gardenstown - - | Female Sch. - - | .. | 16 | .. | .. | 0 7 6 |
| ,, - - | Gamrie Public Sch. - | .. | 14 | .. | .. | .. |
| Gartsherrie - - | Academy - - - | 172 | 204 | 40 | 37 | 51 14 0 |
| ,, - - | The Works Sch. - - | .. | | .. | .. | .. |
| Glasgow - - | Anderson's University - | 209 | 108 | 34 | 42 | 179 6 6 |
| ,, - - | Free Ch. Normal Sch. - | 343 | 346 | 33 | 125 | .. |
| ,, - - | Mech. Inst. - - - | 395 | 369 | 36 | 37 | 160 8 0 |
| ,, - - | Sch. of Art and Haldane Academy. | 76 | 80 | 20 | 15 | 50 9 0 |
| ,, - - | St. John's Sessional Sch. | 37 | 47 | .. | 1 | .. |
| ,, - - | Ch. of Scotland Training College - - - | 226 | 213 | 31 | 175 | .. |
| ,, - - | Ch. of Scotland Pract. Sch. - - - | | 27 | | | 29 12 6 |
| ,, - - | Kinning Park Public Sch. | 41 | 23 | .. | 1 | .. |
| ,, - - | Anderston Public Sch. - | .. | 68 | .. | .. | 8 2 6 |
| ,, - - | Public Sch., London Road. | .. | 13 | .. | 30 | .. |
| Govan - - | Eden Villa - - | .. | 6 | .. | .. | *42 19 0 |
| Greenock - - | The Academy, Killain Street. | .. | 106 | .. | 41 | 4 10 0 |
| Hawick - - - | Teviot Grove Academy - | .. | 66 | .. | 7 | 16 10 0 |
| Insch - - - | Parish Sch. - - | 66 | 30 | 4 | 12 | 2 12 6 |
| Inverkeithny - - | Public Sch. - - | .. | 30 | .. | 1 | 2 1 0 |
| Inverness - - | Sch. of Art. - - | 76 | 7 | .. | .. | *56 5 6 |
| ,, - - | Raining's Sch. - - | .. | 13 | .. | .. | .. |
| Johnstone - - | Working Men's Inst. - | 29 | 30 | 13 | 7 | 13 6 0 |
| Keig - - - | Public Sch. - - | .. | 23 | .. | 1 | .. |
| Keith - - - | Public Sch. - - | .. | 76 | .. | 6 | 2 5 0 |
| Kilmarnock - - | Kay Sch., Wellington Street. | 28 | 22 | .. | 6 | 5 12 6 |
| ,, - - | Princes Street New Academy. | 41 | 13 | .. | 2 | 5 4 6 |
| ,, - - | Sch. of Art. and Science - | 49 | 27 | 30 | 6 | *114 6 6 |
| ,, - - | West Netherton Sch. of Industry. | .. | 52 | .. | 8 | 29 6 0 |
| ,, - - | Lesser Temperance Hall | .. | 31 | .. | 2 | .. |

* Including fees for Art. † Including fees of the Institution.

Appendix B.

SCIENCE SCHOOLS. RESULTS.

List of Schools examined in May 1875—*continued.*

| Town. | Where held. | Number of Individuals under Instruction. | | Number of Prizes and Medals Obtained. | | Fee received during the Session 1874-'76. |
|---|---|---|---|---|---|---|
| | | 1874. | 1875. | 1874. | 1875. | £ s. d. |
| King Edward | Parochial Sch. | 71 | 48 | 10 | 17 | 1 10 6 |
| Kingussie | Schoolroom, High Street | 21 | 17 | 3 | 9 | .. |
| Langholm | Public Sch. | .. | 22 | .. | 4 | 1 19 0 |
| Largs | Public Sch. | 39 | 36 | 21 | 28 | 16 15 0 |
| Leith | Navigation Sch. | 132 | 164 | .. | .. | 64 14 0 |
| Leven | Greig Inst. | 72 | 84 | 21 | 22 | 8 0 |
| Lochee | Free Sch. | .. | 48 | .. | 10 | *26 19 10 |
| Macduff | Public Sch., Duff Street | 42 | 24 | 5 | 4 | 5 7 5 |
| Midmar | Parochial Sch. | .. | 34 | .. | 3 | .. |
| Montrose | Academy | .. | 40 | .. | 9 | .. |
| Monymusk | Public Sch. | 19 | 18 | .. | 3 | 1 15 0 |
| Newhills | Stoneywood Schs. | 46 | 20 | .. | 5 | 2 6 0 |
| Paisley | School of Art (Science only). | 61 | 49 | 19 | 13 | 35 4 6 |
| Perth | Kinnoull Par. Sch. | 52 | 25 | .. | 1 | .. |
| ,, | Sch. of Art | 30 | 16 | 8 | 4 | 7 10 0 |
| Pollokshaws | Sir John Maxwell Sch. | 25 | 13 | 4 | 3 | 7 7 0 |
| Port Elphinstone | Public Sch. | .. | 42 | .. | 1 | .. |
| Port Glasgow | Public Sch., Academy Place. | 45 | 63 | 11 | 8 | 23 3 2 |
| Renfrew | Grammar Sch. | .. | 47 | .. | 2 | .. |
| Rhynie | Public Sch. | .. | 17 | .. | .. | 2 2 6 |
| Rothesay | Academy and Thomson's Inst. | 66 | 70 | 2 | 9 | 14 2 6 |
| Stormontfield | Public Sch. | .. | 14 | .. | .. | .. |
| Strathdon | Par. Sch. | 14 | 12 | 1 | 2 | 0 12 6 |
| Tarbolton | Public Sch., No. 1 | 19 | 10 | 1 | 4 | .. |
| Tarland | Coldstone Pub. Sch. | 18 | 8 | 2 | .. | 4 8 0 |
| Tillicoultry | Public Sch. | 25 | 17 | .. | .. | 1 6 3 |
| Torphins | Public Sch. | 25 | 21 | 4 | 1 | 2 2 6 |
| Towie | Public Sch. | 26 | 19 | 2 | 6 | 2 0 0 |
| Turriff | Par. Sch. | 37 | 15 | 1 | 1 | .. |
| | Totals for Scotland | 4,932 | 5,826 | 796 | 1,215 | 2,591 0 1 |

IRELAND.

| | | | | | | |
|---|---|---|---|---|---|---|
| Adamstown | Carrigbyrne Nat. Sch. | .. | 12 | .. | 1 | .. |
| Antrim | High Street Nat. Sch. | 23 | 20 | 12 | .. | 4 5 0 |
| ,, | Male Nat Sch. | 14 | 7 | .. | 1 | 0 17 0 |
| Armagh | Balleer Nat. Sch. | 22 | 18 | .. | 14 | 2 5 0 |
| ,, | Natural Hist. and Phil. Soc. | .. | 80 | .. | 23 | 7 2 6 |
| Aughnacloy | Mill Street Nat. Sch. | .. | 34 | .. | .. | .. |
| ,, | Showerflood Nat. Sch. | 9 | 16 | 5 | 4 | 1 10 0 |
| ,, | Clonanese Nat. Sch. | .. | 9 | .. | .. | .. |
| Bailieboro' | Model Sch. | .. | 132 | .. | 57 | .. |
| Ballinamore | Nat. Sch. | 28 | 16 | .. | .. | 3 15 6 |
| Ballymena | Protestant Hall | 28 | 23 | 10 | 7 | 2 6 0 |
| ,, | Guy's Sch., Wellington Street. | .. | 24 | .. | 3 | 0 15 6 |
| ,, | Galgorm Nat. Sch. | .. | 21 | .. | .. | .. |
| ,, | Monaghan Nat. Sch. | 16 | 14 | 5 | 1 | .. |
| ,, | Harryville Nat. Sch. | .. | 11 | .. | 1 | .. |
| ,, | Slaght Nat. Sch. | .. | 14 | .. | .. | .. |
| Ballymoney | Model Sch. | 79 | 63 | 36 | 28 | 7 10 0 |
| ,, | Stranocum Nat. Sch. | 20 | 13 | .. | 3 | .. |
| Ballynahinch | Drumaness Mill Sch. | 16 | 16 | 3 | 6 | 0 12 6 |
| ,, | Nat. Sch., Railway Street | .. | 16 | .. | 2 | .. |
| ,, | Spa Sch. | .. | 13 | .. | 3 | .. |
| Ballyronan | Young Men's Chr. Assoc. | .. | 14 | .. | 1 | 1 6 0 |
| Banagher | Royal Sch., Cuba House | .. | 23 | .. | 2 | .. |
| Banbridge | No. 2 Nat. Sch. | .. | 17 | .. | 1 | 0 18 0 |
| Belfast | Government Sch. of Art | 35 | 25 | 38 | 4 | *435 1 7 |
| ,, | Ashmore Street Nat. Sch. | 54 | 34 | 4 | 6 | .. |
| ,, | Currie Nat. Sch. | 27 | 13 | 5 | .. | 0 5 0 |
| ,, | Fisherwick Place Nat. Sch. | 48 | 20 | 4 | .. | .. |

* Including fees for Art.

List of Schools examined in May 1875—*continued.*

| Town. | Where held. | Number of Individuals under Instruction. | | Number of Prizes and Medals Obtained. | | Fees received during the Session 1874-75. | | |
|---|---|---|---|---|---|---|---|---|
| | | 1874. | 1875. | 1874. | 1875. | £ | s. | d. |
| Belfast | Old Lodge Road Nat. Sch. | 32 | 42 | .. | 12 | 3 | 17 | 0 |
| " | St. George's Lecture Hall | 93 | 85 | 1 S. | 38 | 18 | 5 | 0 |
| " | Albion Street Nat. Sch. | 13 | 12 | 6 | 1 | .. | | |
| " | Argyle Place Nat. Sch. | .. | 25 | .. | 4 | 3 | 7 | 6 |
| " | Victoria Place Nat. Sch., Wellwood Place. | 78 | 19 | .. | .. | .. | | |
| " | Wkg. Men's Inst. | 101 | 166 | 45 1 B. | 84 | 18 | 8 | 6 |
| " | Old Park Nat. Sch. | .. | 19 | .. | 1 | .. | | |
| " | Linfield Road Nat. Sch. | .. | 11 | .. | 14 | 2 | 8 | 9 |
| " | Welsh Street Nat. Sch. | 35 | 35 | 13 | 5 | 1 | 7 | 6 |
| " | Model Sch., Falls Road | .. | 76 | .. | 44 | .. | | |
| " | People's Lit. Inst., 16, Donegal Street. | .. | 26 | .. | 11 | 6 | 0 | 0 |
| " | Tennant Street Nat. Sch. | .. | 13 | .. | .. | 1 | 10 | 0 |
| " | Bridge End Nat. Sch., Ballymacarrett. | 20 | 17 | 6 | 1 | .. | | |
| " | Crumlin Road News Room. | .. | 25 | .. | 9 | 2 | 10 | 0 |
| Benburb | Nat. Sch. | 44 | 40 | 8 | 8 | 4 | 15 | 0 |
| Blackwatertown | Nat. Sch. | 26 | 26 | 20 | .. | 3 | 1 | 0 |
| Bray | Aravon Sch. | 11 | 17 | 6 | 6 | .. | | |
| Bunbrusna | Farra Sch. | 16 | 17 | 21 | 38 | 14 | 0 | 0 |
| Bushmills | Ballytober Nat. Sch. | 13 | 12 | 10 | .. | .. | | |
| Caledon | Infant and Parish Schs. | 38 | 28 | .. | .. | 1 | 1 | 0 |
| Carrickfergus | Model Sch. | 43 | 38 | 10 | 9 | 4 | 7 | 6 |
| Carrigallen | Beaghmore Nat. Sch. | 33 | 14 | .. | 4 | .. | | |
| Castleblaney | Oram Nat. Sch. | .. | 13 | .. | 1 | 2 | 5 | 6 |
| " | Tullyharnett, Ivy House Sch. | 14 | 18 | .. | 2 | .. | | |
| Castlewellan | Annsborough Nat. Sch. | 22 | 24 | 6 | 6 | .. | | |
| Clonakilty | No. 2 Nat. Sch. | .. | 16 | .. | 3 | 0 | 5 | 0 |
| Coagh | Aughavey Nat. Sch. | 18 | 20 | 4 | 5 | 3 | 4 | 0 |
| " | Nat. Sch. | 13 | 4 | .. | .. | 0 | 12 | 0 |
| Coalisland | Infant Sch. | 22 | 7 | .. | 3 | .. | | |
| Coleraine | Model Sch. | 66 | 45 | 32 | 15 | 10 | 5 | 0 |
| Convoy | Nat. Sch. | 8 | 10 | .. | .. | 0 | 9 | 0 |
| Cookstown | Academy, Railway Road | 32 | 27 | 1 | 7 | 0 | 17 | 6 |
| Cooraclare | Nat. Sch. | 84 | 85 | 43 | 26 | 10 | 5 | 0 |
| Cork | District Model Sch. | 96 | 48 | 28 | 7 | .. | | |
| " | Carmichael Sch. | 56 | 74 | 19 | 21 | 5 | 2 | 6 |
| " | Sch. of Sci. and Art | 12 | 25 | 5 | 3 | 11 | 10 | 0 |
| Crumlin | Laurelvale Sch. | 28 | 36 | 18 | 21 | 3 | 0 | 0 |
| Cullybackey | Science Class Room | 17 | 14 | 8 | 2 | 0 | 19 | 0 |
| " | Nat. Sch. | 29 | 30 | .. | 3 | 2 | 3 | 0 |
| Donaghadee | Male Nat. Sch., Shore St. | .. | 23 | .. | 2 | .. | | |
| Donegal | Nat. Sch., Waterloo Place | 14 | 12 | .. | .. | 3 | 0 | 0 |
| Drum | Nat. Sch. | 18 | 32 | .. | 9 | 2 | 7 | 6 |
| Drumlough | Nat. Sch. | 21 | 16 | 1 | .. | .. | | |
| Drummond | Powerscourt Nat. Sch. | 19 | 8 | 8 | 2 | .. | | |
| Dublin | Santry Sch. | 26 | 33 | 8 | 5 | 4 | 11 | 0 |
| " | Erasmus Smith's Sch. | .. | 34 | .. | 2 | 10 | 0 | 0 |
| " | Mech. Inst. | 35 | 17 | 3 | 5 | 5 | 6 | 6 |
| " | Queen's Inst., Sch of Art | .. | 21 | .. | .. | *125 | 16 | 0 |
| Dunadry | Muckamore Nat. Sch. | 12 | 11 | 3 | 2 | 0 | 18 | 0 |
| Dundalk | Educ. Inst. | 63 | 66 | 67 | 72 | 33 | 0 | 0 |
| Dundrum | Downshire Sch. | .. | 30 | .. | 2 | 2 | 17 | 6 |
| Dungannon | Erasmus Smith's Sch. | 80 | 45 | 13 | 13 | 3 | 0 | 0 |
| Dunmanway | Derinachara Nat. Sch. | 26 | 19 | 5 | 2 | 1 | 4 | 6 |
| " | Tonafora, Model Sch. | 39 | 27 | 1 | .. | 0 | 16 | 0 |
| " | District Model Sch. | 46 | 27 | 15 | .. | 1 | 4 | 0 |
| Enniskillen | Model Nat. Sch. | 69 | 34 | 19 | 13 | 7 | 10 | 0 |
| " | Garvery Nat. Sch. | 25 | 21 | 3 | 3 | .. | | |
| Foxford | Boys' Nat. Sch. | .. | 19 | .. | 5 | 1 | 11 | 0 |
| Gilford | Mill Sch. | 40 | 37 | 9 | 14 | .. | | |
| Grange O'Neilland | Parochial Sch. | 42 | 37 | 9 | 4 | 3 | 16 | 0 |
| Grey-Abbey | Nat. Sch. | 25 | 25 | 1 | 2 | .. | | |
| Hillsborough | Anahilt Endowed Sch. | 28 | 10 | 2 | 3 | .. | | |
| " | Ballykeel - Ednagonnel Nat. Sch | 22 | 6 | .. | .. | .. | | |

* Including fees for Art.

Appendix B.

SCIENCE SCHOOLS. RESULTS.

## List of Schools examined in May 1875—*continued.*

| Town. | Where held. | Number of Individuals under Instruction. | | Number of Prizes and Medals Obtained. | | Fees received during the Session 1874–75. | | |
|---|---|---|---|---|---|---|---|---|
| | | 1874. | 1875. | 1874. | 1875. | £ | s. | d. |
| Hillsborough | Boys' Sch. | 31 | 26 | .. | .. | .. | | |
| " | Nat. Sch. | 5 | 4 | .. | .. | .. | | |
| Holywood | Sullivan Sch. | 79 | 53 | 23 | 21 | 5 | 0 | 0 |
| Kanturk | Nat. Sch., Strand Street | 53 | 14 | 1 | .. | .. | | |
| Kilkee | Nat. Sch., Chapel Street | 75 | 31 | 1 | 5 | 10 | 18 | 2 |
| Kilkenny | College of St. Kyran | 45 | 65 | 10 | 7 | 16 | 10 | 0 |
| " | Model Sch. | 45 | 14 | 16 | 6 | 1 | 15 | 0 |
| Killadysert | Male Nat. Sch. | 33 | 14 | 4 | 3 | 3 | 10 | 0 |
| Killyleagh | Shrigley Sch.-house | 24 | 23 | 8 | 6 | 1 | 1 | 0 |
| Killyman | Nat. Sch. | .. | 23 | .. | 6 | .. | | |
| Kilrea | Nat. Sch. | 36 | 18 | 5 | 3 | .. | | |
| Kiltyclogher | Nat. Sch. | .. | 32 | .. | 1 | .. | | |
| Kircubbin | Nat. Sch. | .. | 14 | .. | 2 | 1 | 10 | 0 |
| Larne | Mod. Agric. Sch., Main Street. | 34 | 23 | 7 | 2 | 2 | 17 | 6 |
| " | North End Nat. Sch. | 12 | 16 | 2 | 3 | 1 | 7 | 6 |
| Laurencetown | Bann Male Nat. Sch. | 24 | 5 | 4 | 1 | .. | | |
| Letterkenny | High Sch. | 18 | 21 | 4 | 7 | 18 | 0 | 0 |
| Ligoniel | Wolfhill Mill Nat. Sch. | 42 | 43 | 11 | 19 | 4 | 2 | 6 |
| Limerick | Sch. of Art | 3 | 7 | .. | 2 | *151 | 16 | 0 |
| " | Model Sch., Military Road. | .. | 22 | .. | 10 | .. | | |
| Lisburn | Ballymacbrennan Nat. Sch. | 12 | 11 | .. | 2 | 0 | 5 | 0 |
| " | Railway Street Nat. Sch. | 43 | 28 | 4 | 5 | 1 | 10 | 0 |
| " | Legacurry Nat. Sch. | 30 | 16 | 1 | 2 | .. | | |
| " | Market Square Nat. Sch. | 33 | 27 | 7 | 8 | 2 | 10 | 6 |
| " | Knockmore Sch. | 13 | 19 | .. | .. | 1 | 6 | 0 |
| " | Prospect Hill Sch. | 25 | 31 | 7 | .. | .. | | |
| " | Cargacroy Nat. Sch. | 25 | 14 | 1 | .. | 0 | 8 | 0 |
| Lisded | Nat. Sch., Derrygonnelly | 16 | 22 | .. | 2 | .. | | |
| " | Moyglass Nat. Sch. | .. | 21 | .. | 2 | .. | | |
| Londonderry | Gwyn's Inst. | 48 | 40 | 3 | 4 | 1 | 10 | 0 |
| " | Male Nat. Sch. | 84 | 115 | 22 | 40 | 24 | 5 | 0 |
| " | Erasmus Smith's Nat. Sch. | 24 | 25 | .. | 1 | 4 | 14 | 6 |
| Lurgan | Model Sch. | 148 | 65 | 19 | 24 | 5 | 10 | 0 |
| " | Nat. Sch. | | 19 | | | | | |
| " | Donacloney, Banoge Sch. | .. | 30 | .. | 11 | 1 | 10 | 0 |
| Magherafelt | No. 2 Nat. Sch. | 29 | 30 | 3 | 7 | 1 | 4 | 0 |
| Markethill | Nat. Sch. | 22 | 12 | 4 | 4 | .. | | |
| Milford (Armagh) | Male Nat. Sch. | 24 | 11 | .. | 7 | 0 | 15 | 0 |
| " (Donegal) | Nat. Sch. | 23 | 15 | 7 | 3 | 0 | 12 | 6 |
| Milltown | Male Nat. Sch. | 17 | 42 | .. | 11 | .. | | |
| Moira | Brookfield's Agr. Sch. | 13 | 21 | 7 | .. | 9 | 0 | 0 |
| " | Nat. Sch. | 15 | 7 | 2 | .. | .. | | |
| Monaghan | Model Sch. | .. | 53 | .. | 16 | 1 | 0 | 0 |
| Moneymore | Academy | .. | 30 | .. | 2 | 3 | 0 | 6 |
| " | Ballygoney Nat Sch. | 41 | 28 | 2 | 3 | 4 | 4 | 0 |
| " | Tamlaght Sch. | 33 | 34 | 2 | 4 | 2 | 12 | 0 |
| Mossley | Nat. Sch. | 57 | 37 | 16 | 7 | 2 | 14 | 0 |
| Mount Charles | Erasmus Smith's Schs. | 8 | 10 | 1 | .. | .. | | |
| Mountmellick | Par. Nat. Sch. | .. | 11 | .. | .. | .. | | |
| " | Provincial Sch. | .. | 48 | .. | 13 | .. | | |
| Moy | No. 2 Nat. Sch. | 46 | 35 | 18 | 5 | 2 | 17 | 6 |
| Moyne | St. Mary's Seminary | .. | 21 | .. | 2 | .. | | |
| Moys | Nat. Sch. | 34 | 10 | 5 | 8 | 2 | 10 | 0 |
| Newbliss | Drumhilla, Nat. Sch. | .. | 18 | .. | 2 | .. | | |
| Newmarket | Meelin Nat. Sch. | 36 | 17 | 1 | 4 | .. | | |
| Newry | Shinn Nat. Sch. | .. | 10 | .. | .. | .. | | |
| Newtownards | Model Sch. | 60 | 60 | 17 | 36 | 0 | 5 | 0 |
| Newtownstewart | Model Sch. | .. | 29 | .. | .. | 2 | 3 | 6 |
| Omagh | Model Sch. | 58 | 45 | 22 | 24 | 4 | 19 | 6 |
| Portaferry | Nat. Sch. | 35 | 20 | .. | 3 | 0 | 10 | 0 |
| " | Ballyphilip Nat. Sch. | 13 | 7 | 14 | 9 | .. | | |
| Portglenone | Market House Sch. | .. | 18 | .. | 9 | 2 | 2 | 6 |
| Portrush | No. 2 Nat. Sch. | 25 | 24 | 9 | 4 | .. | | |
| Portstewart | Nat. Sch. | 14 | 11 | 2 | 5 | 0 | 15 | 0 |
| Poyntzpass | Taniokey Nat. Sch. | 53 | 46 | 31 | 10 | 7 | 4 | 0 |

* Including fees for Art.

List of Schools examined in May 1875—*continued.*

| Town. | Where held. | Number of Individuals under Instruction. | | Number of Prizes and Medals Obtained. | | Fees received during the Session 1874-75. | | |
|---|---|---|---|---|---|---|---|---|
| | | 1874. | 1875. | 1874. | 1875. | £ | s. | d. |
| Poyntzpass | Nat. Sch. | 55 | 27 | 1 | .. | 8 | 0 | 0 |
| Queenstown | Nat. Sch. | 49 | 21 | 18 | .. | .. | | |
| Raphoe | Court House, Diamond | .. | 14 | .. | 3 | 1 | 19 | 0 |
| Rathfryland | Nat. Sch. | .. | 31 | .. | 4 | 1 | 9 | 0 |
| Richhill | Erasmus Smith's Sch. | .. | 22 | .. | 5 | 2 | 16 | 0 |
| „ | Ballinahinch Nat. Sch. | 31 | 12 | 8 | 1 | 1 | 10 | 0 |
| Rockcorry | Corravacan Nat. Sch. | .. | 14 | .. | .. | .. | | |
| Roscrea | Young Men's Chris. Assoc. | .. | 16 | .. | 4 | 1 | 5 | 0 |
| Roslea | Shanroe Schoolroom | .. | 10 | .. | 5 | 1 | 0 | 0 |
| Sandholes | Nat. Sch. | 36 | 24 | 13 | 1 | 1 | 6 | 0 |
| Skibbereen | No. 1 Nat. Sch., North Street. | .. | 38 | .. | 1 | .. | | |
| Sligo | St. John's Sch., Chapel Street. | .. | 78 | .. | 17 | 3 | 0 | 0 |
| „ | District Model Sch. | .. | 17 | .. | 4 | .. | | |
| Stewartstown | No. 2 Nat. Sch. | 39 | 10 | 1 | 1 | 1 | 9 | 0 |
| „ | Donaghy Nat. Sch | 24 | 18 | 4 | 2 | 4 | 4 | 0 |
| „ | Erasmus Smith's Sch., Ballyclog. | .. | 19 | .. | .. | .. | | |
| Tubbercurry | Court House, Whitehall Street. | 31 | 17 | .. | 1 | 6 | 3 | 6 |
| Waterford | Model Sch. | 41 | 27 | 7 | 8 | 1 | 14 | 0 |
| Whitegate | Corkbeg Terrace Nat. Sch. | .. | 12 | .. | 7 | 2 | 18 | 0 |
| Whitehouse | Nat. Sch. | 22 | 22 | 2 | 4 | 0 | 2 | 0 |
| | Totals for Ireland | 4,231 | 4,747 | 986 | 1,203 | 1,157 | 5 | 0 |
| | Totals for the United Kingdom. | 41,377 | 51,933 | 8,521 | 11,802 | 12,505 | 18 | 8 |

11. TABLE showing the CLASSES, SUBJECTS taught, and NUMBER of STUDENTS in each Subject in all SCIENCE SCHOOLS in existence in January 1876.

Schools established since May 1875 are printed in *italics*.

| Town. | Where held. | Total No. of Individual Students. | I. Practical, Plane, and Solid Geometry. | II. Construction and Drawing. | III. Building Construction. | IV. Naval Architecture. | V. Pure Mathematics. Stages 1, 2, 3. | V. Pure Mathematics. Stages 4 & 5. | V. Pure Mathematics. Stages 6 & 7. | VI. Theoretical Mechanics. | VII. Applied Mechanics. | VIII. Acoustics, Light, and Heat. | IX. Magnetism and Electricity. | X. Inorganic Chemistry. | XI. Organic Chemistry. | XII. Geology. | XIII. Mineralogy. | XIV. Animal Physiology. | XV. Elementary Botany. | XVI. and XVII. General Biology. | XVIII. Mining. | XIX. Metallurgy. | XX. Navigation. | XXI. Nautical Astronomy. | XXII. Steam. | XXIII. Physical Geography. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **ENGLAND AND WALES.** | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *Aberayron* | *National School* | 4 | .. | .. | .. | .. | 2 | .. | .. | .. | .. | .. | .. | .. | .. | 4 | .. | 3 | .. | .. | .. | .. | .. | .. | .. | .. |
| Aberdare | British School | 16 | .. | 12 | .. | .. | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 10 |
| *Aberdovey* | *Schoolroom* | 16 | .. | .. | .. | .. | 4 | .. | .. | .. | .. | .. | 15 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 7 | .. | .. | .. | .. |
| *Abergavenny* | *British School* | 8 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 8 | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Accrington | Co-operative Hall | 58 | 28 | 28 | .. | .. | 14 | .. | .. | .. | .. | 22 | 22 | 28 | 6 | .. | .. | 14 | .. | .. | .. | .. | .. | .. | 13 | .. |
| " | Mechanics' Institution | 57 | 33 | 33 | .. | .. | 7 | .. | .. | .. | .. | 13 | 17 | 14 | .. | .. | .. | 7 | .. | .. | .. | .. | .. | .. | .. | 10 |
| " | New Jerusalem British School. | 8 | .. | .. | .. | .. | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 8 |
| " | St. James's National School | 19 | .. | .. | .. | .. | 3 | .. | .. | .. | .. | 8 | 8 | .. | .. | .. | .. | 5 | .. | .. | .. | .. | .. | .. | .. | 13 |
| " | *St. Oswald's Roman Catholic School.* | 4 | .. | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| " | Wesleyan School | 32 | .. | .. | .. | .. | 7 | .. | .. | .. | .. | 17 | 28 | .. | .. | 7 | .. | 8 | .. | .. | .. | .. | .. | .. | .. | 4 |
| *Adlington* | *National School* | 60 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 60 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Almondbury | King James's Grammar School. | 26 | .. | .. | .. | .. | 10 | .. | .. | .. | .. | .. | .. | 24 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Alton | Boys' National School | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Altrincham | Literary Institute | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Apperley Bridge | Mechanics' Institute | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 30 | .. | .. | .. | .. | .. | .. | .. | 10 |
| Ashburton | Academy, East Street | 25 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Ashby-de-la-Zouch. | Mutual Improvement Soc. Grammar School. | 41 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 34 | 18 | .. | .. | .. | .. | .. | 14 | .. | .. | .. | .. | .. | .. | 25 |
| Ashford | British School | 11 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 11 |
| Ashton-under-Lyne. | British School | 69 | .. | 58 | .. | .. | 23 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 37 | 42 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| " - | Mechanics' Institution - | 40 | 36 | 19 | 17 | .. | .. | .. | .. | .. | 20 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 20 | .. |
| " - | Parish Church School - | 25 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 23 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 25 |
| " - | Albion School - - | 157 | 9 | 30 | .. | .. | 15 | .. | .. | .. | .. | .. | 13 | 21 | 7 | .. | .. | 41 | .. | .. | .. | .. | .. | .. | .. | 38 |
| " - | Dukinfield Village Library and Astley Institute. | 56 | 31 | 15 | 16 | .. | .. | .. | .. | .. | .. | .. | .. | 17 | 16 | .. | .. | 13 | .. | .. | .. | .. | .. | .. | .. | .. |
| Aspatria - | Agricultural School - - | 23 | .. | .. | .. | .. | 8 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 23 | .. | .. | .. | .. | .. | .. | .. |
| Aspley Guise - | British School - - | 20 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 20 |
| *Atherstone* - | *Congregational School* - | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Aylesbury - | Endowed School - - | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Bacup - - | Mechanics' Institute - | 22 | .. | .. | .. | .. | 10 | .. | .. | .. | .. | 7 | 7 | 13 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Baildon - - | Church of England School - | 10 | 1 | .. | 1 | .. | .. | .. | .. | .. | .. | .. | 9 | .. | .. | .. | .. | 7 | .. | .. | .. | .. | .. | .. | .. | 5 |
| .. - - | Mechanics' Institute - | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Balderstone - | National School - - | 22 | .. | .. | .. | .. | 15 | .. | .. | 12 | .. | 20 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 7 |
| Baldock - - | British School - - | 13 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 13 |
| *Balham* - - | *Institute* - - - | 14 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 8 | 10 | .. | .. | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 14 |
| Banbury - | British School, Crouch Street | 30 | .. | 20 | .. | .. | .. | .. | .. | 4 | .. | 15 | 18 | .. | .. | 10 | .. | 14 | .. | 5 | .. | .. | .. | .. | .. | 12 |
| " - - | *Boys' National School, North Bar.* | 20 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 20 |
| " - - | Cherwell British School - | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 10 | .. | .. | .. | .. | .. | 10 | .. | .. | .. | .. | .. | .. | .. | .. |
| " - - | (South) Parochial School - | 13 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 13 |
| Bangor - - | National School - - | 6 | 6 | 2 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| " - - | Normal College - - | 60 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 60 | 60 | .. | .. | .. | .. | .. | .. | 60 |
| *Barnack* - | *National School* - - | 11 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 11 | .. | .. | .. | .. | .. | .. | .. | 11 |
| Barnard Castle | Mechanics' Institute - | 50 | .. | 14 | .. | .. | 23 | .. | .. | .. | .. | .. | .. | 14 | .. | .. | .. | 16 | .. | .. | .. | .. | .. | .. | .. | .. |
| *Barnet* - - | *Queen Elizabeth's School* - | 40 | .. | .. | .. | .. | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 40 |
| Barnoldswick - | Mechanics' Institute - | 13 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 10 | 9 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 7 | .. |
| " - | *Wesleyan School* - - | 23 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 23 |
| Barnsley - | School of Art - - - | 8 | .. | 4 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Barnstaple - | Literary and Scientific Institute. | 51 | .. | .. | .. | .. | 23 | .. | .. | .. | .. | .. | 26 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 30 |
| " - | Blue Coat School - - | 29 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 29 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| " - | Wesleyan Day School - | 28 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 25 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 28 |
| Barton on Humber. | Wesleyan School - - | 38 | .. | .. | .. | .. | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 36 |
| Basford - - | Lecture Hall - - - | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 7 | 12 | .. | .. | .. | .. | .. | .. | .. |
| *Bath* - - | *Walcot Wesleyan School* - | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 4 |
| " - - | Weston Boys' School - | 8 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 8 |
| " - - | Weymouth House National School. | 19 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 9 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 18 |
| Bedford - - | Commercial School - - | 60 | .. | .. | .. | .. | .. | .. | .. | 12 | .. | 24 | 44 | 14 | .. | .. | .. | 10 | .. | .. | .. | .. | .. | .. | .. | 24 |
| " - - | *Harpur Charity School* - | 21 | 1 | .. | 4 | .. | 17 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| " - - | *Modern School* - - | 40 | .. | .. | .. | .. | 30 | .. | .. | .. | .. | .. | 20 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 30 |
| Bedminster - | Boys' National School - | 7 | .. | .. | .. | .. | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 7 |
| " - | *British School* - - | 24 | .. | .. | .. | .. | 4 | .. | .. | .. | .. | .. | .. | 24 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 24 |
| Berkhampstead | Mechanics' Institute - | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 |

Appendix B.

SCIENCE SCHOOLS AND CLASSES. SUBJECTS TAUGHT, &c

Table showing the Classes, Subjects taught, and Number of Students, in all Science Schools, &c.—*continued.*

| Town. | Where held. | Total No. of Individual Students. | I. Practical, Plane, and Solid Geometry. | II. Machine construction and Drawing. | III. Building construction. | IV. Naval Architecture. | V. Pure Mathematics. Stages. 1, 2 & 3. | V. Pure Mathematics. Stages. 4 & 5. | V. Pure Mathematics. Stages. 6 & 7. | VI. Theoretical Mechanics. | VII. Applied Mechanics. | VIII. Acoustics, Light, and Heat. | IX. Magnetism and Electricity. | X. Inorganic Chemistry. | XI. Organic Chemistry. | XII. Geology. | XIII. Mineralogy. | XIV. Animal Physiology. | XV. Elementary Botany. | XVI. and XVII. General Biology. | XVIII. Mining. | XIX. Metallurgy. | XX. Navigation. | XXI. Nautical Astronomy. | XXII. Steam. | XXIII. Physical Geography. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Beverley | Wesleyan School | 30 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 30 |
| Bewdley | British School | 18 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 15 |
| ,, | *King James I.'s Grammar School.* | 15 | ... | ... | ... | ... | 15 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| *Beasley Heath* | *Public Hall* | 12 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 12 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 12 |
| *Bideford* | *Science and Art School* | 40 | ... | 40 | 40 | ... | ... | ... | ... | ... | ... | ... | 40 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 40 |
| Bilston | Bradley, St. Martin's Boys' School. | 10 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 10 |
| ,, | Coseley National School | 21 | ... | ... | ... | ... | 5 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 19 | ... | ... | ... | ... | ... | ... | ... | ... |
| ,, | Town Hall and Free Library. | 43 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 12 | ... | 16 | ... | ... | ... | 20 | ... | ... | ... | ... | ... | ... | ... | ... |
| ,, | *Wesleyan School, Bow Street* | 8 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 8 |
| Bingley | Mechanics' Institute | 37 | ... | ... | ... | ... | 9 | ... | ... | ... | ... | 9 | 16 | 8 | ... | ... | ... | 12 | ... | ... | ... | ... | ... | ... | ... | ... | 14 |
| *Birch* | *National School* | 12 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| ,, | *St. James's National School* | 5 | ... | ... | ... | ... | 5 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Birkenhead | Church of England, St. Paul's School. | 27 | ... | ... | ... | ... | 21 | ... | ... | ... | ... | 16 | ... | ... | ... | ... | ... | 8 | ... | ... | ... | ... | ... | ... | ... | 15 |
| Birmingham | Baptist School, Heneage Street. | 20 | ... | 12 | 14 | ... | ... | ... | ... | ... | ... | ... | 5 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| ,, | *Baptist School, Long Moor Street.* | 16 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 11 |
| ,, | Bishop Ryder's National School. | 66 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 66 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| ,, | Bloomsbury Institution | 9 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 9 | ... | ... | ... | ... | ... | 5 | ... | ... | ... | ... | ... | ... | ... | ... |
| ,, | Blue Coat School | 48 | ... | ... | ... | ... | 12 | ... | ... | ... | ... | ... | 46 | 31 | ... | ... | ... | 47 | ... | ... | ... | ... | ... | ... | ... | 32 |
| ,, | Board School, Farm Street | 54 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 7 | 11 | 14 | ... | ... | ... | 24 | ... | ... | ... | ... | ... | ... | ... | 14 |
| ,, | *Board School, Jenkins Street* | 56 | ... | ... | 16 | ... | ... | ... | ... | ... | ... | 11 | 24 | 22 | ... | ... | ... | 10 | ... | ... | ... | ... | ... | ... | ... | 22 |
| ,, | *Board School, Lea Street South.* | 43 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 10 | 22 | ... | ... | ... | 15 | ... | ... | ... | ... | ... | ... | ... | 15 |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| „ - | *Board School, Lower Windsor Street.* | 45 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 7 | 9 | .. | .. | .. | 18 | .. | .. | .. | .. | .. | .. | .. | 23 |
| „ - | Board School, Steward Street. | 41 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 11 | 16 | 21 | .. | .. | .. | 3 | .. | .. | .. | 9 | .. | .. | .. | 6 |
| „ - | British School, Severn Street | 131 | .. | 116 | .. | .. | .. | .. | .. | .. | .. | 25 | 25 | 20 | .. | .. | .. | 22 | .. | .. | .. | .. | .. | .. | .. | .. |
| „ - | *Chapel School, Steelhouse Lane.* | 11 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 4 | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| - | Church of the Saviour School. | 81 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 11 | 10 | 12 | .. | 20 | .. | 20 | .. | .. | .. | .. | .. | .. | .. | 43 |
| „ - | Circus Chapel School | 45 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 45 | .. | .. | .. | .. | .. | .. | .. | 25 |
| „ - | Cornwall Works Schools | 29 | .. | 29 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| „ - | Edgbaston Congregational Chapel. | 108 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 45 | 20 | 8 | .. | .. | .. | 80 | .. | .. | .. | .. | .. | .. | .. | .. |
| „ - | Friends' Bible Mission Room | 141 | .. | .. | .. | .. | 40 | .. | .. | .. | .. | .. | 61 | 44 | .. | .. | .. | .. | 55 | .. | .. | .. | .. | .. | .. | .. |
| „ - | Hurst Street School | 127 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 41 | .. | .. | .. | .. | 17 | .. | .. | .. | .. | .. | .. | .. | 109 |
| „ - | King Edward School | 45 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 45 |
| „ - | Methodist New Connexion School, Hockley Street. | 38 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 30 | .. | .. | .. | .. | 14 | .. | .. | .. | .. | .. | .. | .. | .. |
| „ - | Midland Institution | 324 | 10 | .. | .. | .. | .. | .. | .. | .. | .. | 37 | 39 | 118 | .. | 48 | .. | 38 | .. | .. | .. | 39 | .. | .. | .. | 77 |
| „ - | Middle Class School, Frederick Street. | 102 | .. | .. | .. | .. | 23 | .. | .. | .. | .. | .. | 102 | 71 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 71 |
| „ - | *Middle Class School, Priestley Road.* | 40 | 40 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| „ - | People's Chapel | 20 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 20 | .. | .. | .. | .. | .. | .. | .. | 15 |
| „ - | *Presbyterian School* | 20 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 20 | .. | .. | .. | .. | 7 | .. | .. | .. | .. | .. | .. | .. | .. |
| „ - | School of Art and Queen's College. | 58 | .. | 58 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| „ - | St. Barnabas School | 21 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 17 | .. | .. | .. | 15 | .. | .. | .. | .. | .. | .. | .. | .. |
| „ - | *St. Clement's School* | 17 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 17 |
| „ - | St. George's School, Great Russell Street. | 32 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 18 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 24 |
| „ - | St. George's School, Smith Street. | 10 | .. | 7 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| „ - | St. Paul's School, Spencer Street. | 41 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 37 | .. | .. | .. | .. | 39 | .. | .. | .. | .. | .. | .. | .. | .. |
| „ - | *Sydenham House School* | 20 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 20 |
| „ - | The Institute, Howard Street. | 92 | .. | 36 | .. | .. | 15 | .. | .. | .. | .. | 6 | 40 | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 24 |
| „ - | Wesleyan School, St. Martin's Street, Islington. | 15 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 15 | .. | .. | .. | .. | .. | .. | .. | .. |
| „ - | Young Men's Christian Association. | 19 | .. | 5 | .. | .. | .. | .. | .. | .. | .. | .. | 13 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Birstall - - | Mechanics' Institute | 55 | .. | .. | .. | .. | 14 | .. | .. | 17 | .. | 45 | 45 | 45 | 10 | .. | .. | .. | 33 | .. | .. | .. | .. | .. | .. | 31 |
| Bishop Auckland. | Mechanics' Institute | 5 | .. | 3 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Blackburn - | Congregational School | 22 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 14 | .. | .. | .. | .. | 11 | .. | .. | .. | .. | .. | .. | .. | 7 |

Appendix B.

SCIENCE SCHOOLS AND CLASSES. SUBJECTS TAUGHT, &c.

Table showing the Classes, Subjects taught, and Number of Students, in all Science Schools, &c.—*continued.*

| Town. | Where held. | Total No. of Individual Students. | I. Practical, Plane, and Solid Geometry. | II. Machine Construction and Drawing. | III. Building Construction. | IV. Naval Architecture. | V. Pure Mathematics. Stages 1, 2, 3. | V. Pure Mathematics. Stages 4 & 5. | V. Pure Mathematics. Stages 6 & 7. | VI. Theoretical Mechanics. | VII. Applied Mechanics. | VIII. Acoustics, Light, and Heat. | IX. Magnetism and Electricity. | X. Inorganic Chemistry. | XI. Organic Chemistry. | XII. Geology. | XIII. Mineralogy. | XIV. Animal Physiology. | XV. Elementary Botany. | XVI. and XVII. General Biology. | XVIII. Mining. | XIX. Metallurgy. | XX. Navigation. | XXI. Nautical Astronomy. | XXII. Steam. | XXIII. Physical Geography. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Blackburn - | Christ Church, Mosley Street School. | 25 | .. | .. | .. | .. | 4 | .. | .. | .. | .. | .. | 23 | 9 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ,, - | *Griffin Church of England School,* | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 4 | 2 | .. | .. | .. | .. | .. | .. | 4 | .. | .. | .. | .. | .. | 10 |
| ,, - | St. John's National School - | 16 | .. | .. | .. | .. | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ,, - | *St. Paul's School* - | 25 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 25 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 |
| ,, - | St. Peter's School - | 40 | .. | .. | .. | .. | 10 | .. | .. | .. | .. | .. | 30 | .. | .. | .. | .. | 12 | 8 | .. | .. | .. | .. | .. | .. | .. |
| ,, - | St. Michael's School, Whalley Road. | 9 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 9 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ,, - | Science and Art School - | 124 | 8 | 16 | 3 | .. | 46 | .. | .. | 13 | .. | 28 | 47 | 34 | .. | .. | .. | 31 | 13 | 4 | .. | .. | .. | .. | 13 | 50 |
| ,, - | *Wesleyan School, St. Peter's Street.* | 21 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 20 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Blackheath* - | New Jerusalem School - | 36 | 7 | .. | 16 | .. | .. | .. | .. | .. | .. | 16 | 34 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 5 | 16 |
| *Blackley* - | *Dartmouth Grove School* - | 25 | .. | .. | .. | .. | 12 | .. | .. | .. | .. | 25 | .. | 10 | .. | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 25 |
| *Blackpool* - | National School - | 17 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 |
| | *National School, Lytham Road.* | 6 | .. | .. | .. | .. | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 6 |
| Blackrod - | National School - | 14 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 14 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Blaenavon - | Wesleyan School - | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Blakeney* - | *National School* - | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2 | .. | .. | .. | .. | .. | .. | .. |
| Blaydon-on-Tyne | St. Cuthbert's National School. | 40 | 32 | .. | .. | .. | .. | .. | .. | .. | .. | 10 | .. | .. | .. | .. | .. | .. | 6 | .. | .. | .. | .. | .. | .. | 18 |
| *Bloxwich* - | *Board School* - | 15 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Bodmin* - | *Literary Institute* - | 28 | .. | .. | .. | .. | 4 | .. | .. | .. | .. | .. | 7 | .. | .. | .. | .. | 8 | .. | .. | .. | .. | .. | .. | .. | .. |
| *Boldon* - | *Colliery School* - | 16 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 15 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 18 |
| Bolton - | Mechanics' Institution - | 103 | 66 | 18 | .. | .. | .. | .. | .. | .. | 15 | .. | 16 | .. | .. | .. | 9 | .. | 12 | .. | .. | .. | .. | .. | 15 | .. |
| ,, - | National School, Trinity Street. | 11 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 27 | .. | .. | .. | .. | 11 | .. | .. | .. | .. | .. | .. | .. |
| ,, - | *Parish Church School* - | 40 | 40 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ,, | Science and Art School, Church Institute. | 90 | 10 | 28 | 11 | .. | 30 | .. | .. | .. | .. | .. | .. | 27 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ,, | *Unitarian School* | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ,, | *Wesleyan School, Bridge Street.* | 16 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 16 | .. | .. | .. | .. | 16 | .. | .. | .. | .. | .. | .. | .. | .. |
| *Bootle* | *Linacre Mission House* | 50 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 45 | .. | .. | .. | .. | .. | .. | .. | 50 |
| ,, | St. John's National School | 25 | .. | .. | .. | .. | 14 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 15 |
| Boston | National Schools | 17 | .. | .. | .. | .. | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 7 | .. | .. | 17 |
| *Brackley* | *Wesleyan School* | 13 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 10 | .. | .. | .. | .. | .. | 13 | .. | .. | .. | .. | .. | .. | .. | .. |
| Bradford | All Saints' School | 28 | .. | .. | .. | .. | 2 | .. | .. | .. | .. | .. | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 18 |
| ,, | Boro' West School | 18 | .. | .. | .. | .. | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 | .. | .. | .. | .. | .. | .. | .. | .. |
| ,, | Chemists' Association | 23 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 10 | 12 | 11 | .. | .. | .. | .. | 6 | .. | .. | .. | .. | .. | .. | .. |
| ,, | Church Institute | 11 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 5 | .. | .. | .. | .. | 6 | .. | .. | .. | .. | .. | .. | .. |
| ,, | Coll. School, Little Horton Lane. | 20 | .. | .. | .. | .. | 6 | .. | .. | .. | .. | .. | 20 | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 20 |
| ,, | Girls' Middle School | 16 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 16 |
| ,, | Model School | 16 | .. | .. | .. | .. | 4 | .. | .. | .. | .. | .. | 12 | .. | .. | .. | .. | 4 | .. | .. | .. | .. | .. | .. | .. | 13 |
| ,, | Manningham, St. Paul's National School. | 17 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 10 | 13 | 17 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ,, | Parish Church School | 47 | .. | .. | .. | .. | 24 | 5 | .. | 10 | .. | .. | 13 | 11 | .. | .. | .. | .. | 11 | .. | .. | .. | .. | .. | .. | 27 |
| ,, | *St. Mary's Roman Catholic School.* | 21 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 21 |
| ,, | St. James' School | 10 | .. | .. | .. | .. | 4 | .. | .. | .. | .. | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 7 |
| ,, | Springfield School | 40 | .. | .. | .. | .. | 6 | .. | .. | .. | .. | 40 | 35 | .. | .. | 15 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 30 |
| ,, | School of Art, Grammar School, North Parade. | 203 | .. | .. | .. | .. | 150 | .. | .. | 49 | 49 | .. | 149 | 130 | 49 | 51 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 148 |
| ,, | School of Art, Mechanics' Institute. | 120 | 25 | 7 | 30 | .. | 21 | .. | .. | .. | .. | 12 | 12 | 26 | 7 | 9 | .. | 20 | 8 | 9 | .. | .. | .. | .. | .. | .. |
| Braintree | Public Schools, Manor Street | 23 | .. | .. | .. | .. | 8 | .. | .. | .. | .. | .. | 11 | .. | .. | .. | .. | 9 | .. | .. | .. | .. | .. | .. | .. | 12 |
| *Bramley* | *Wesleyan School, Town Street.* | 24 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 24 |
| Breage | Institution | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 7 | .. | .. | .. | .. | .. |
| *Bridlington Quay.* | *Wesleyan School, Chapel Street.* | 16 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 16 |
| Bridport | School of Science and Art, General School. | 48 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 38 | .. | .. | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2[illegible] |
| ,, | *Dorset House School* | 22 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 17 | .. | .. | .. | .. | .. | .. | 12 |
| ,, | Ladies School, West Street | 14 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 13 | .. | .. | .. | .. | .. | 13 | .. | .. | .. | .. | .. | .. | 13 |
| Brierley Hill | High School | 24 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 6 | .. | 4 | .. | 4 | .. | 13 | .. | .. | .. | .. | .. | .. | .. | 14 |
| ,, | *National School* | 16 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 16 |
| Brighouse | Mechanics' Institute | 43 | 8 | 7 | .. | .. | .. | .. | .. | .. | .. | .. | 6 | 33 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ,, | *Lark Hill Academy* | 8 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 8 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Brighton | Board School, Hanover Terrace. | 44 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 9 | .. | .. | .. | 9 | .. | 11 | .. | .. | .. | .. | .. | .. | .. | 35 |
| ,, | Elliott Memorial School | 16 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 |

Table showing the Classes, Subjects taught, and Number of Students, in all Science Schools, &c.—*continued.*

| Town. | Where held. | Total No. of Individual Students. | I. Practical, Plane, and Solid Geometry. | II. Machine Construction and Drawing. | III. Building Construction. | IV. Naval Architecture. | V. Pure Mathematics. Stages 1, 2, 3. | V. Pure Mathematics. Stages 4 & 5. | V. Pure Mathematics. Stages 6 & 7. | VI. Theoretical Mechanics. | VII. Applied Mechanics. | VIII. Acoustics, Light, and Heat. | IX. Magnetism and Electricity. | X. Inorganic Chemistry. | XI. Organic Chemistry. | XII. Geology. | XIII. Mineralogy. | XIV. Animal Physiology. | XV. Elementary Botany. | XVI. and XVII. General Biology. | XVIII. Mining. | XIX. Metallurgy. | XX. Navigation. | XXI. Nautical Astronomy. | XXII. Steam. | XXIII. Physical Geography. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Brighton - | School of Art, Royal Pavilion. | 30 | : | 30 | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : |
| Bristol - | British School, Red Cross Street. | 86 | : | : | 28 | : | : | : | : | : | : | 45 | 7 | : | : | : | : | 20 | : | : | : | : | : | : | : | 6 |
| ,, - | Countersley British School - | 52 | 6 | 10 | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : |
| ,, - | *Evening Class Association, Fine Arts Academy.* | 20 | : | : | : | : | 22 | : | : | : | : | 39 | : | : | : | : | : | : | : | : | : | : | : | : | : | : |
| ,, - | Russell Town British School | 52 | : | : | 20 | : | 50 | : | : | : | 91 | 85 | : | : | : | 12 | : | : | : | : | : | 12 | : | 22 | : | 40 |
| ,, - | Trade and Mining Schools - | 211 | 66 | 38 | : | : | 6 | : | : | 83 | : | 12 | 10 | : | : | : | : | : | 17 | : | : | : | : | : | : | 12 |
| ,, - | *Wesleyan School, Baptist Mills.* | 12 | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : |
| ,, - | Wesleyan School, North Street. | 29 | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | 27 | : | : | : | : | : | : | : | 29 |
| *Bromley (Kent)* - | *Cage Field School* - | 7 | : | : | : | : | : | : | : | 7 | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : |
| Bromsgrove - | School of Art - | 12 | : | : | : | : | : | : | : | 28 | : | : | : | : | : | : | : | 12 | : | : | : | : | : | : | : | : |
| Budock - - | National School - | 10 | : | : | : | : | : | : | : | : | : | : | 10 | 30 | : | : | : | : | : | : | : | : | : | : | : | : |
| Burley-in-Wharfdale. | Lecture Hall - | 6 | : | : | : | : | : | : | : | : | : | : | : | 9 | : | : | : | : | : | : | : | : | : | : | : | 6 |
| Burnley - | *Brunswick School, Manchester Road.* | 21 | : | : | : | : | : | : | : | : | : | 17 | : | 10 | : | : | : | : | : | : | : | : | : | : | : | : |
| ,, - | Carlton Road School - | 42 | : | : | : | : | 30 | : | : | 28 | : | 28 | : | 30 | : | : | : | : | : | : | : | : | : | : | : | : |
| ,, - | Church of England Literary Institute. | 10 | 10 | 10 | : | : | : | : | : | : | : | : | : | 9 | : | 15 | : | : | 10 | : | : | : | : | : | : | : |
| ,, - | Grammar School, North Parade. | 18 | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : |
| ,, - | Mechanics' Institution - | 82 | 8 | 22 | 12 | : | 32 | : | : | : | 26 | : | : | : | : | : | : | 44 | 21 | : | : | : | : | : | 27 | : |
| ,, - | Wesleyan School, Fulledge - | 92 | : | : | : | : | 8 | : | : | : | : | 23 | 62 | : | : | 17 | : | 10 | : | : | : | : | : | : | : | 23 |
| ,, - | Wesleyan School, Red Lion Street. | 10 | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | 10 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| " | *Parish School, Church Street.* | 20 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 20 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Burslem | Wedgwood Institute | 40 | 15 | 11 | 4 | .. | 10 | .. | .. | .. | .. | .. | .. | 10 | 10 | .. | .. | .. | 4 | .. | .. | .. | .. | .. | .. | 10 |
| Burton Latimer | Endowed School | 19 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 19 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Burton-on-Trent | School of Science | 26 | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 19 | .. | .. | .. | 4 | .. | .. | .. | .. | .. | .. | .. | 8 |
| Bury | Athenæum | 99 | 37 | 42 | 22 | .. | 11 | .. | .. | .. | 14 | 15 | 15 | 25 | 16 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 3 | .. |
| " | British School | 10 | .. | .. | .. | .. | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| " | *Brunswick School* | 12 | .. | .. | .. | .. | 8 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 10 |
| Bury St. Edmunds. | Guildhall Commercial School | 38 | .. | .. | .. | .. | 22 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 38 |
| Caistor | Lower Grammar School | 25 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 20 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 25 |
| Calstock | National School | 15 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 15 | .. | .. | .. | .. | .. | 15 | .. | .. | .. | .. | .. | .. | .. | 15 |
| Calverley | Mechanics' Institute | 18 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 | 18 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 10 |
| Camborne | Working Men's Club | 35 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 25 | .. | 15 | 25 | .. | .. | .. | .. | .. | .. | .. | 15 | .. |
| " | Beacon Wesleyan School | 16 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 16 | .. | .. | 16 | .. | .. | .. | 10 | .. | .. | .. | .. | .. |
| " | *Board School, Basset Road* | 23 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 20 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 23 |
| " | *Board School, Trevu Road* | 8 | .. | .. | .. | .. | 8 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Cambridge | Church of England Young Men's Institution. | 32 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 17 | .. | .. | 6 | .. | 15 | .. | .. | .. | .. | .. | .. | .. | 14 |
| " | St. Michael's School | 36 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 15 |
| " | Youths' Club, Paradise Street. | 45 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 40 | .. | .. | 12 | .. | 15 | .. | .. | .. | .. | .. | .. | .. | 30 |
| *Canning Town* | *Holy Trinity School* | 35 | 35 | 35 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Cannock | Infant School | 10 | .. | 5 | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Cardiff* | *Tredegaville National School.* | 11 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 11 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Cardigan | Board School | 12 | .. | .. | .. | .. | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 10 | .. | .. | .. | .. | .. | .. | .. | .. |
| *Carlisle* | *Christ Church National School, Crown Street.* | 34 | .. | .. | .. | .. | 24 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 34 |
| " | Christ Church School, Close Street. | 12 | .. | .. | .. | .. | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 | .. | .. | .. | .. | .. | .. | .. | 12 |
| Carmarthen | Training College | 60 | .. | .. | .. | .. | .. | .. | .. | 30 | .. | .. | .. | .. | .. | .. | .. | 60 | .. | .. | .. | .. | .. | .. | .. | 28 |
| Carnarvon | School of Science and Art | 6 | 6 | 4 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| " | Training College | 45 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 45 | 45 | .. | .. | .. | .. | 45 | .. | .. | .. | .. | .. | .. | .. | .. |
| *Castleton* | *Church of England School* | 16 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 16 |
| Chapel-en-le-Frith. | Reddish Green Academy | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 5 | .. | .. | .. | .. | .. | .. | .. | 10 |
| Chapeltown | Lound School | 5 | .. | .. | .. | .. | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 5 |
| " | British School | 5 | .. | .. | .. | .. | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 5 |
| Charlton Kings | Holy Apostles Boys' School | 16 | .. | .. | .. | .. | 3 | .. | .. | .. | .. | .. | 14 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 9 |
| Chatham | Boys' Schoolroom, Royal Marine Barracks. | 11 | .. | .. | .. | .. | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 11 |
| " | James Street School | 14 | 14 | 3 | .. | 11 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| " | Royal Engineers' Barracks | 32 | .. | 12 | 20 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| " | St. Mark's School | 40 | 10 | 10 | 2 | .. | 9 | .. | .. | .. | 9 | 15 | .. | .. | .. | .. | .. | 7 | .. | .. | .. | .. | .. | .. | 9 | 23 |
| " | St. Mary's National School | 15 | 14 | 11 | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

Table showing the Classes, Subjects taught, and Number of Students, in all Science Schools, &c.—*continued.*

| Town. | Where held. | Total No. of Individual Students. | I. Practical, Plane, and Solid Geometry. | II. Construction and Machine Drawing. | III. Construction. Building | IV. Architecture. Naval | V. Pure Mathematics. Stages 1, 2, 3. | V. Pure Mathematics. Stages 4 & 5. | V. Pure Mathematics. Stages 6 & 7. | VI. Theoretical Mechanics. | VII. Applied Mechanics. | VIII. Acoustics, Light, and Heat. | IX. Magnetism and Electricity. | X. Inorganic Chemistry. | XI. Organic Chemistry. | XII. Geology. | XIII. Mineralogy. | XIV. Animal Physiology. | XV. Elementary Botany. | XVI. and XVII. General Biology. | XVIII. Mining. | XIX. Metallurgy. | XX. Navigation. | XXI. Nautical Astronomy. | XXII. Steam. | XXIII. Physical Geography. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chatham - | *Brompton Holy Trinity Schools.* | 8 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 8 | .. | .. | .. | .. | .. | 8 | .. | .. | .. | .. | .. | .. | .. | .. |
| Chelmsford - | Victoria National Schools - | 14 | .. | .. | .. | .. | 14 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 14 |
| Cheltenham - | British School - - | 30 | .. | .. | .. | .. | 8 | .. | .. | .. | .. | 30 | 30 | .. | .. | .. | .. | 30 | .. | .. | .. | .. | .. | .. | .. | 30 |
| ,, - | Christ Church National School. | 20 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 18 |
| ,, - | Parish Church Boys' School | 130 | .. | .. | .. | .. | 10 | .. | .. | .. | .. | 60 | 50 | 60 | .. | 40 | .. | 40 | .. | .. | .. | 60 | .. | .. | .. | 30 |
| ,, - | St. John's National School - | 47 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 36 | .. | .. | .. | .. | .. | 24 | .. | .. | .. | .. | .. | .. | 45 |
| ,, - | St. Luke's Night School, Bath Street. | 50 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 35 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 30 |
| ,, - | Training College - - | 90 | .. | .. | .. | .. | .. | .. | .. | 47 | .. | .. | 43 | .. | .. | .. | .. | 43 | .. | .. | .. | .. | .. | .. | .. | 47 |
| ,, - | Trinity National School - | 33 | .. | .. | .. | .. | 2 | .. | .. | .. | .. | .. | 33 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 30 |
| ,, - | Whitworth School - - | 48 | .. | .. | .. | .. | 5 | .. | .. | .. | .. | 12 | 12 | 15 | 5 | .. | .. | 6 | 19 | 4 | .. | 16 | .. | .. | .. | .. |
| *Chepstow* - | *National School, Station Road.* | 17 | .. | 9 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 | .. | .. | .. | 13 | .. | .. | .. | .. | .. | .. | .. | .. |
| Chester - - | Mechanics' Institute and School of Art. | 7 | .. | 3 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ,, - - | Training College - - | 100 | .. | .. | .. | .. | 50 | .. | .. | .. | .. | 100 | 100 | 100 | .. | .. | .. | 20 | .. | .. | .. | .. | .. | .. | .. | 100 |
| ,, - - | Wesleyan School, St. John Street. | 27 | .. | .. | .. | .. | 8 | .. | .. | .. | .. | .. | .. | .. | .. | 15 | .. | 26 | .. | .. | .. | .. | .. | .. | .. | .. |
| Chesterfield - | St. Helen's Street Board School. | 60 | 40 | 34 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 27 | 13 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Chichester* - | *Bishop Otter's Memorial College.* | 9 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 9 | .. | .. | .. | .. | .. | .. | .. | 9 |
| Chorley - - | Wesleyan Day School - | 19 | .. | .. | .. | .. | 13 | .. | .. | .. | .. | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 7 |
| Church - - | British School, Ernest Street. | 27 | .. | .. | .. | .. | 10 | .. | .. | .. | .. | 8 | 6 | 26 | .. | .. | .. | 15 | .. | .. | .. | .. | .. | .. | .. | 8 |
| | Kirk School - - - | 25 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 | 18 | 15 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Clay Cross | Public Hall | 32 | .. | .. | .. | .. | 32 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Clayton-le-Moors | Mechanics' Institute | 16 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 11 | 11 | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 13 |
| " | British School | 23 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 | 23 | .. | .. | .. | .. | 22 | .. | .. | .. | .. | .. | .. | .. | .. |
| *Clifton* (*Yorks*) | *Church of England School* | 11 | 11 | 9 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Clitheroe | Grammar School | 13 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 13 | .. | 13 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| " | *Wesleyan School* | 17 | .. | .. | .. | .. | 6 | .. | .. | .. | .. | 7 | 14 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 17 |
| Clutton | British School | 16 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 16 | .. | .. | .. | .. | .. | .. | .. | .. |
| Coalbrookdale | Literary and Scientific Institute and School of Art. | 4 | .. | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Codnor | Butterley Company Schools | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 3 | .. | .. | .. | .. | .. | .. | .. | 3 |
| Codsall | National School | 4 | .. | .. | .. | .. | 3 | .. | .. | .. | .. | .. | 4 | .. | .. | .. | .. | 4 | .. | .. | .. | .. | .. | .. | .. | .. |
| Colchester | Literary Institute | 7 | .. | 4 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| " | Young Men's Christian Association. | 80 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 43 | 75 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Colne | Grammar School | 35 | .. | .. | .. | .. | 10 | .. | .. | .. | .. | .. | .. | 9 | .. | .. | .. | 11 | .. | .. | .. | .. | .. | .. | .. | 14 |
| Cornholme | British School | 42 | 6 | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 | .. | .. | .. | 16 | .. | .. | .. | .. | .. | .. | .. | 28 |
| *Cottenham* | *Board School* | 10 | .. | .. | .. | .. | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 10 |
| Coventry | Bablake School | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 30 | .. | .. | .. | .. | .. | .. | .. | 30 |
| " | St. Peter's National School | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 |
| " | School of Art | 85 | .. | .. | .. | .. | 16 | .. | .. | .. | .. | 17 | 24 | 12 | .. | .. | .. | 12 | .. | .. | .. | .. | .. | .. | .. | 35 |
| Cowes (East) | National School | 5 | .. | .. | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Cowes (West) | St. Mary's Institute | 10 | .. | .. | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Cowling* | *Board School* | 20 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 19 | .. | .. | .. | .. | 20 | .. | .. | .. | .. | .. | .. | .. | .. |
| Cranfield | National School | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 11 | .. | .. | .. | .. | .. | 4 |
| *Crawshaw Booth.* | *Literary and Mechanics' Institute.* | 30 | .. | .. | .. | .. | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 30 | .. | .. | .. | .. | .. | .. | .. | .. |
| Crediton | Hayward's Charity School, East Street. | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 |
| Crewe | Mechanics' Institute | 80 | 43 | 45 | 1 | .. | 36 | .. | .. | 24 | 24 | 32 | 32 | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 24 | .. |
| Crook | Pease's West Miners' Institute. | 15 | .. | .. | .. | .. | 5 | .. | .. | .. | .. | 6 | .. | .. | .. | 4 | 4 | 8 | .. | .. | .. | .. | .. | .. | .. | .. |
| Crosshills | Middle School, Good Templars' Hall. | 14 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 14 | .. | .. | .. | .. | .. | .. | .. | .. |
| *Crowle* | *Classical and Commercial School.* | 15 | .. | .. | .. | .. | 4 | .. | .. | .. | .. | 3 | .. | .. | .. | .. | .. | 10 | .. | .. | .. | .. | .. | .. | .. | 10 |
| Croydon | Literary and Scientific Institution, Wellesley Road. | 56 | 56 | 56 | 56 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Culham | Training College | 84 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 84 | 84 | .. | .. | .. | .. | 84 | .. | .. | .. | .. | .. | .. | .. | .. |
| Darlington | British and Foreign Training School. | 60 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 32 | 28 | .. | .. | .. | .. | .. | .. | 60 |
| *Dartford* | *National School* | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 5 | .. | .. | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| " | *Temperance Hall* | 19 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 18 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 18 |
| Dartmoor | Prison Officers' School, Prince Town. | 4 | 4 | .. | .. | .. | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 4 |
| Darwen, Lower | Congregational School, Duckworth Street. | 21 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 21 | 21 | 14 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 21 |

Table showing the Classes, Subjects taught, and Number of Students, in all Science Schools, &c.—*continued.*

| Town. | Where held. | Total No. of Individual Students. | I. Practical, Plane, and Solid Geometry. | II. Machine Construction and Drawing. | III. Building Construction. | IV. Naval Architecture. | V. Pure Mathematics. Stages 1, 2, 3. | V. Pure Mathematics. Stages 4 & 5. | V. Pure Mathematics. Stages 6 & 7. | VI. Theoretical Mechanics. | VII. Applied Mechanics. | VIII. Acoustics, Light, and Heat. | IX. Magnetism and Electricity. | X. Inorganic Chemistry. | XI. Organic Chemistry. | XII. Geology. | XIII. Mineralogy. | XIV. Animal Physiology. | XV. Elementary Botany. | XVI. and XVII. General Biology. | XVIII. Mining. | XIX. Metallurgy. | XX. Navigation. | XXI. Nautical Astronomy. | XXII. Steam. | XXIII. Physical Geography. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Darwen, Over | Co-operative Hall | 60 | | | 6 | | | | | | | 21 | 32 | 16 | | 10 | | 7 | | | | | | | | 22 |
| " | *St. John's Central School* | 14 | | | | | | | | | | 14 | 14 | | | | | | | | | | | | | 11 |
| " | Trinity Church School | 21 | | | | | | | | | | 11 | 10 | 13 | | | | | | | | | | | | |
| " | *Congregational School* | 14 | | | | | | | | | | | | | | 15 | | 16 | | | | | | | | |
| *Dawley* | National School | 35 | | | | | | | | | | | 26 | | | | | | | | | | | | | |
| Denholme | Mechanics' Institute | 5 | | | | | | | | | | | 6 | | | | | | | | | | | | | |
| Denton | Haughton Dale Educational Institute. | 4 | | | | | | | | | | | | | | | | | | | | | | | | 4 |
| Deptford | St. Joseph's Catholic School | 36 | | | | | | | | | | 36 | 36 | 16 | | 10 | | 7 | | | | | | | 10 | |
| " | St. Paul's School, Edward Street. | 54 | 16 | 30 | 14 | | | 6 | | 10 | | 8 | 8 | 8 | | | | | | | | | | | | |
| " | School Board Schools, Creek Road. | 25 | 20 | 20 | | | | 12 | | 10 | 15 | 5 | 5 | | | | | | | | | | | | 15 | |
| Derby | British School, Orchard Street. | 20 | | | | | 15 | | | | | | 15 | 15 | | | | | | | | | | | | |
| " | Central School of Science | 50 | | | | | | 9 | | | 12 | | 6 | 20 | | 10 | | | | | | | | | | |
| " | Central School of Art | 50 | 20 | 30 | 18 | | | | | | | 40 | | | | 12 | | 12 | | | | | | | 13 | |
| " | Board School, Gerard Street | 40 | | | | | | | | | | | 40 | | | | | | | | | | | | | 40 |
| " | Diocesan School, Friar Gate | 8 | | | | | | 8 | | | | 40 | | 40 | | 12 | | | | | | | | | | |
| " | St. Andrew's School | 48 | | | 16 | | | | | | | 48 | 48 | | | | | | | | | | | | | |
| " | *St. Paul's National School* | 29 | | | | | | | | | | | 29 | 48 | | | | | | | | | | | | 48 |
| " | Wesleyan School, Canal Street. | 30 | | | | | | 6 | | | | 30 | 30 | 15 | | 30 | | 15 | | | | | | | | |
| " | Wesleyan School, King Street. | 25 | | | | | | 8 | | | | | 10 | 15 | | | | | | | | | | | | |
| " | *Wesleyan School, Parliament Street.* | 10 | | | | | | | | | | | | | | 10 | | | | | | | | | | |
| Devonport | Baptist School, Morice Square. | 11 | 2 | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ,, | British School, St. John Street. | 30 | 3 | 6 | 2 | .. | 19 | .. | .. | .. | .. | .. | 13 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ,, | Boys' Board Sch., Morice Town | 26 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 26 |
| ,, | *Board School, Cherry Garden Street.* | 13 | 2 | 6 | 11 | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 6 | 6 |
| ,, | *Ford Board School, Cambridge Street.* | 25 | .. | .. | .. | .. | 18 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 14 | .. | .. | .. | .. | .. | .. | .. | .. |
| ,, | *Ford Wesleyan School* | 25 | .. | 25 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ,, | Haddington Road Chapel School Room. | 20 | 7 | 6 | 8 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 6 | 4 |
| ,, | H.M.S. "Impregnable" | 9 | .. | .. | .. | .. | 9 | .. | .. | .. | .. | 9 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 9 |
| ,, | *H.M.S. "Lion" and "Implacable."* | 16 | .. | .. | .. | .. | 10 | .. | .. | .. | .. | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 10 |
| ,, | St. John's National School | 70 | .. | .. | .. | .. | 62 | .. | .. | .. | .. | 24 | 36 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ,, | *St. Mary's National School, Dockwall Street.* | 6 | .. | .. | .. | .. | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 6 |
| ,, | St. James' National School, Keyham. | 120 | 20 | 40 | 4 | 6 | 40 | .. | .. | 10 | 10 | 20 | .. | .. | .. | 20 | .. | 10 | 4 | .. | .. | .. | .. | .. | 30 | 58 |
| ,, | *Stoke Board School* | 32 | .. | .. | .. | .. | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 18 | .. | .. | .. | .. | .. | .. | .. | .. |
| ,, | Stoke Public School, Keppel Place. | 30 | .. | .. | .. | .. | 25 | .. | .. | .. | .. | 15 | 18 | 18 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 18 |
| ,, | *Wycliffe School* | 10 | .. | .. | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ,, | 33, *St. Aubyn Street School* | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 7 |
| Dewsbury | Mechanics' Institute | 46 | .. | 9 | 7 | .. | 3 | .. | .. | .. | .. | .. | 31 | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Dolgelly* | *Grammar School, Pendryn* | 17 | .. | .. | .. | .. | 12 | .. | .. | 6 | .. | .. | .. | 15 | .. | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Doncaster | Great Northern Railway School. | 66 | .. | 66 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ,, | Wesleyan School | 20 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 20 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Dover | Boys' National School | 33 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 25 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 14 |
| ,, | Alexandrovna Rooms | 23 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 | .. | .. | .. | .. | 8 | .. | .. | .. | .. | .. | .. | .. | 12 |
| ,, | School of Art | 30 | 1 | 4 | 6 | .. | .. | .. | .. | .. | .. | .. | 8 | .. | .. | .. | .. | 11 | .. | .. | .. | .. | .. | .. | .. | 11 |
| *Downham Market.* | *Board School* | 5 | .. | .. | .. | .. | 2 | .. | .. | .. | .. | 3 | .. | .. | .. | .. | .. | 5 | .. | .. | .. | .. | .. | .. | .. | 5 |
| Dresden | Temperance Hall and Working Men's Club. | 23 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 13 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 15 |
| Driffield (Great) | National School, and *Laboratory, Eastgate Street.* | 14 | .. | .. | .. | .. | 3 | .. | .. | .. | .. | .. | .. | 8 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 10 |
| Droitwich | Coventry Boys' School | 23 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 23 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ,, | National Boys' School | 12 | .. | .. | .. | .. | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 6 | .. | .. | .. | .. | .. | .. | .. | 10 |
| Droylsden | Educational Institute | 9 | 4 | .. | 4 | .. | .. | .. | .. | .. | .. | .. | .. | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ,, | British School | 13 | .. | .. | .. | .. | 6 | .. | .. | .. | .. | .. | .. | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 13 |
| Dudley | Blue Coat School | 44 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 44 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ,, | Holly Hall School | 20 | .. | 20 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ,, | Mechanics' Institution | 40 | .. | 16 | .. | .. | 18 | .. | .. | .. | 9 | 10 | 14 | 15 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 7 | .. |
| ,, | Middle Class School | 7 | .. | .. | .. | .. | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Duffield | Endowed School | 19 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 13 | .. | .. | 13 | .. | .. | 8 | .. | .. | .. | .. | .. | .. | .. |

Table showing the Classes, Subjects taught, and Number of Students, in all Science Schools, &c.—*continued.*

| Town. | Where held. | Total No. of Individual Students. | I. Practical, Plane, and Solid Geometry. | II. Machine Construction and Drawing. | III. Construction. | IV. Naval Architecture. | V. Pure Mathematics. Stages 1, 2, 3. | V. Pure Mathematics. Stages 4 & 5. | V. Pure Mathematics. Stages 6 & 7. | VI. Theoretical Mechanics. | VII. Applied Mechanics. | VIII. Acoustics, Light, and Heat. | IX. Magnetism and Electricity. | X. Inorganic Chemistry. | XI. Organic Chemistry. | XII. Geology. | XIII. Mineralogy. | XIV. Animal Physiology. | XV. Elementary Botany. | XVI. and XVII. General Biology. | XVIII. Mining. | XIX. Metallurgy. | XX. Navigation. | XXI. Nautical Astronomy. | XXII. Steam. | XXIII. Physical Geography. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *Dunston-on-Tyne.* | *Board School* | 13 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 13 |
| Durham | Blue Coat School | 39 | .. | .. | .. | .. | 12 | .. | .. | .. | .. | 10 | .. | 25 | .. | .. | .. | 3 | .. | .. | .. | .. | .. | .. | .. | .. |
| „ | Training College (for Males) | 70 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 70 |
| „ | *Training College (for Females).* | 72 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 72 | .. | .. | .. | .. | .. | .. | .. | .. |
| *Ealing* | *British School, Lancaster Road.* | 21 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 21 | .. | .. | .. | 16 | .. | .. | .. | .. | .. | .. | .. | .. |
| *Easton* | *Young Men's Improvement Society.* | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 6 | .. | .. | .. | .. | .. | .. | .. | .. |
| Eastwood | Mechanics' Institute | 45 | .. | 14 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 38 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Eccles* | *Parish Church School* | 25 | .. | .. | .. | .. | 25 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 42 |
| „ | Western School | 73 | 42 | 42 | .. | .. | 58 | .. | .. | 24 | .. | .. | .. | .. | .. | 42 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 |
| Eccleshill | Mechanics' Institute | 18 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 10 | 18 | .. | .. | .. | 30 | .. | .. | .. | .. | .. | .. | .. | 40 |
| Eckingtou | Board School | 43 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 25 | 8 | 8 | .. | .. | .. | .. | 42 | .. | .. | .. | .. | .. | .. | 42 |
| *Edmonton* | *Latymer School* | 42 | .. | .. | .. | .. | 42 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Egerton | British School | 63 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 56 | 63 | .. | .. | .. | .. | 50 | .. | .. | .. | .. | .. | .. | .. | .. |
| Elland | National School | 31 | 24 | 24 | .. | .. | .. | .. | .. | 9 | 9 | 7 | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Eltham* | *Academy* | 9 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 9 | 9 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| „ | *Working Men's Institute* | 9 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 9 | .. | .. | 19 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Enfield (Highway).* | *St. James' National School* | 9 | .. | .. | .. | .. | 9 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 9 |
| *Enfield (Lock)* | *Government Boys' School* | 10 | .. | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Erith* | *Masonic Hall* | 23 | 16 | 16 | .. | .. | 9 | .. | .. | .. | .. | .. | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 |
| *Esh* | *British School* | 12 | .. | .. | .. | .. | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 7 |
| *Essington* | *National School* | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Evercreech | National School | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 10 | .. | .. | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 11 |
| Evesham | Bengeworth Deacle's School | 18 | .. | .. | .. | .. | 4 | .. | .. | .. | .. | .. | 13 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 7 |
| Exeter | Albert Memorial Museum | 77 | .. | .. | .. | .. | 16 | .. | .. | 10 | .. | .. | 23 | 36 | 5 | 5 | .. | 10 | 12 | .. | .. | .. | .. | .. | .. | .. |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| " | Episcopal School | 49 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 49 | .. | .. | .. | .. | .. | .. | .. | 49 |
| " | Paris Street School | 8 | .. | .. | .. | .. | 5 | .. | .. | .. | .. | .. | .. | .. | .. | 8 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 8 |
| " | Training College | 60 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 31 | .. | .. | .. | .. | .. | 31 | 5 | .. | .. | .. | .. | .. | .. | 31 |
| " | Wesleyan School | 7 | 4 | .. | .. | .. | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 7 | .. | 3 | .. | .. | .. | .. | .. | 6 |
| Exmouth | Parade School | 18 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 15 | .. | .. | .. | .. | .. | 18 | .. | .. | .. | .. | .. | .. | .. | 18 |
| " | *National School* | 20 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 20 |
| Falmouth | Polytechnic Institute | 68 | .. | 6 | .. | .. | 16 | .. | .. | .. | .. | .. | 10 | 7 | .. | .. | .. | .. | 10 | .. | .. | .. | 16 | .. | .. | 29 |
| Farnley | Iron Company's School | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 5 |
| Farnworth | New Jerusalem British School, Church Street. | 19 | .. | .. | .. | .. | 9 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 19 | .. | .. | .. | .. | .. | .. | .. | .. |
| Faversham | Institution | 21 | .. | .. | .. | .. | 12 | .. | .. | 11 | .. | .. | .. | 6 | .. | .. | .. | 7 | .. | .. | .. | .. | .. | .. | .. | 9 |
| Felling | Chemical Works School | 28 | 28 | 28 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Fence Houses* | *Shiney Row School* | 17 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 17 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Flushing* | *National School* | 18 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 18 |
| Folkestone | Town Museum | 38 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 8 | 23 | 18 | .. | 7 | .. | 9 | .. | .. | .. | .. | .. | .. | .. | .. |
| *Forton* | *Royal Marine Barracks School.* | 15 | .. | .. | .. | .. | 15 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 15 |
| Freemantle | Church of England School | 47 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 42 | 47 | .. | .. | .. | .. | 39 | .. | .. | .. | .. | .. | .. | .. | 42 |
| " | *Park House Academy* | 29 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 29 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Frome | Blue-coat School | 26 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 26 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| " | School of Science and Art, Literary Institute. | 10 | 2 | 5 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Gainsborough | British Ironworks School | 32 | .. | 32 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Garforth | Working Men's Club and Institute, Parish School. | 8 | .. | .. | .. | .. | 2 | .. | .. | 4 | .. | .. | 8 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 8 |
| *Gateshead* | *Hoods Villa School* | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 30 | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| " | National School | 28 | 27 | 19 | 7 | .. | .. | .. | .. | .. | 7 | .. | 9 | 9 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 9 | .. |
| *Giggleswick* | *King Edward VI. Grammar School.* | 65 | 27 | .. | .. | .. | 48 | 3 | 3 | 10 | .. | 29 | 29 | 65 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Gildersome | Turton Hall School | 34 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 34 | 34 | 34 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Glossop* | *Wesleyan School* | 5 | .. | .. | .. | .. | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 5 | .. | .. | .. | .. | .. | .. | .. | .. |
| Gloucester | School of Science | 84 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 26 | 72 | 27 | .. | 17 | .. | 12 | .. | .. | .. | 11 | .. | .. | .. | .. |
| " | School of Science and Art | 15 | 10 | 5 | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| " | Crypt Grammar School | 20 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 20 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Godalming* | *Boys' British School* | 24 | .. | .. | .. | .. | 1 | .. | .. | .. | .. | 19 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 23 |
| Golborne | Mechanics' Institute | 14 | 14 | 14 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Gorton | Manchester, Sheffield, and Lincolnshire Railway Institute School. | 28 | 26 | .. | .. | .. | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| " | *National School* | 34 | .. | .. | .. | .. | 21 | .. | .. | .. | .. | 16 | 24 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 27 |
| Gosport | Market House School | 20 | .. | .. | .. | .. | 18 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 4 | 4 | .. | 10 |
| Grantham | National School | 74 | .. | 40 | .. | .. | 30 | .. | .. | .. | 22 | 7 | .. | 18 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 10 | .. |
| *Gravesend* | *Chapel School, Windmill Street.* | 16 | 16 | .. | 14 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Great Harwood* | *Independent Schoolroom* | 23 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 23 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Great Horton* | *Primitive Methodist School* | 16 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 16 | .. | .. | .. | .. | .. | .. | .. | 16 |

Table showing the Classes, Subjects taught, and Number of Students, in all Science Schools, &c.—*continued.*

| Town. | Where held. | Total No. of individual Students. | I. Practical, Plane, and Solid Geometry. | II. Machine Construction and Drawing. | III. Building Construction. | IV. Naval Architecture. | V. Pure Mathematics. Stages 1, 2, 3. | V. Pure Mathematics. Stages 4 & 5. | V. Pure Mathematics. Stages 6 & 7. | VI. Theoretical Mechanics. | VII. Applied Mechanics. | VIII. Acoustics, Light, and Heat. | IX. Magnetism and Electricity. | X. Inorganic Chemistry. | XI. Organic Chemistry. | XII. Geology. | XIII. Mineralogy. | XIV. Animal Physiology. | XV. Elementary Botany. | XVI. and XVII. General Biology. | XVIII. Mining. | XIX. Metallurgy. | XX. Navigation. | XXI. Nautical Astronomy. | XXII. Steam. | XXIII. Physical Geography. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Great Horton | Wesleyan School | 17 | 13 | : | : | : | 9 | : | : | : | : | : | : | 12 | : | : | : | : | : | : | : | : | : | : | : | : |
| *Great Wyrley* | *Working Men's Institute* | 12 | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : |
| Greenwich | St. Paul's Par. Room | 6 | 6 | 3 | 3 | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : |
| " | Oxford House School | 24 | 8 | 3 | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : |
| Greetland | Mechanics' Institute | 8 | : | : | : | : | : | : | : | : | 5 | 15 | 15 | 8 | : | : | : | 20 | : | : | : | : | : | : | 5 | : |
| Grimsby | Garibaldi Street, Primitive Methodist School. | 25 | : | : | : | : | 16 | : | : | : | : | : | : | : | : | : | : | 16 | : | : | : | : | 13 | : | : | 20 | : |
| Guildford | Wesley Day School | 18 | : | : | : | : | 6 | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | 12 | : |
| Guiseley | Archbishop Abbott's School | 54 | : | : | : | : | : | : | : | : | : | : | : | : | : | 10 | : | : | 8 | 7 | : | : | : | : | : | 34 | : |
| *Halesowen* | Mechanics' Institute | 13 | : | : | : | : | : | : | : | : | : | : | : | 13 | 13 | : | : | : | : | : | : | : | : | : | : | : | : |
| Halifax | *National School* | 24 | : | : | : | : | : | : | : | : | : | : | 13 | : | : | : | : | : | : | : | : | : | : | : | : | : | : |
| " | Mechanics' Institute | 20 | : | : | : | : | : | : | : | : | : | : | : | 10 | 30 | 8 | : | 24 | 10 | : | : | : | : | : | : | : | : |
| " | Working Men's College | 30 | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : |
| " | British School | 29 | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | 8 | : | 40 | : | : | : | : | : | 29 | : |
| " | *Crossley Orphan Home* | 67 | : | : | : | : | 33 | : | : | : | : | 33 | 8 | 27 | : | : | : | 27 | : | : | : | : | : | : | : | 64 | : |
| Halkyn | Industrial Society's Room | 69 | 36 | 30 | : | : | 33 | : | : | : | : | : | 9 | 24 | : | : | : | : | : | : | : | : | : | : | : | : | : |
| Halwhistle | Mechanics' Institute | 20 | : | : | : | : | : | : | : | : | : | : | : | 12 | : | : | : | : | : | : | : | : | : | : | : | 20 | : |
| Handsworth | The Institute, Perry Barr | 52 | : | : | : | : | : | : | : | : | : | : | : | 12 | : | : | : | : | : | : | : | : | : | : | : | : | : |
| *Harborne* | *Baptist Chapel School* | 9 | : | : | : | : | : | : | : | : | : | : | : | 33 | 27 | : | : | : | 8 | : | : | : | : | : | : | 7 | : |
| " | *Board School* | 38 | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : |
| Harewood | Church Institute | 20 | : | : | : | : | : | : | : | : | : | : | : | 10 | 6 | : | : | 7 | : | : | : | : | : | : | : | 20 | : |
| Hartshill | School and Mechanics' Institute. | 10 | 6 | : | : | : | : | : | : | : | : | : | : | 10 | : | 10 | : | : | : | : | : | : | : | : | : | : | : |
| Haslingden | Mechanics' Institute | 48 | : | 20 | : | : | : | : | : | : | : | : | : | 10 | 10 | 7 | : | : | : | : | : | : | : | : | 20 | : | : |
| *Hastings* | *School of Science and Art* | 11 | 1 | 10 | : | : | 3 | : | : | : | : | : | : | : | : | : | : | 7 | : | : | : | : | : | : | : | 7 | : |
| Haverfordwest | Boys' National School | 7 | : | : | : | : | : | : | : | : | : | : | : | 10 | 10 | : | : | 10 | : | : | : | : | : | : | : | : | : |
| Haworth | Girls Wesleyan School | 12 | : | : | : | : | : | : | : | : | : | : | : | 22 | 7 | : | : | : | : | : | : | : | : | : | : | : | : |
| " | Wesleyan School, West Lane | 22 | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : |
| Hayfield | National School | 31 | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | 30 | : |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *Hayle* - - | *Wesleyan School* - | 20 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 20 |
| " - | Foundry Drawing Office - | 81 | .. | 22 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 19 | .. | .. | 8 | .. | .. | .. | .. | .. | .. | .. | 19 | .. |
| Hebburn - | St. Andrew's Institute - | 4 | 1 | 2 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Hebden Bridge | Club Room - - | 9 | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 8 | 9 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| " | Mechanics' Institute - | 28 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 5 | 17 | 27 | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Heckmondwike | Mechanics' Institute - | 19 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 19 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Helston - - | Commercial School, Church Street. | 20 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 10 | .. | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 6 |
| Hendon - | Literary Institution - - | 16 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 16 |
| *Henley on Thames.* | *Young Gardeners' Rooms* - | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 10 | .. | .. | .. | .. | .. | .. | .. |
| Heptonstall - | Mechanics' Institute - | 7 | 7 | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Hereford - | Free Library - - | 45 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 10 | 16 | 11 | .. | .. | .. | 21 | .. | .. | .. | .. | .. | .. | .. | 23 |
| Heywood - | Reform Club - - | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 10 | 10 | 10 | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| " - | *St. James School* - | 15 | .. | .. | .. | .. | 13 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 15 |
| " - | *Hornley Street School* - | 22 | 22 | .. | 22 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Highbridge* - | *National School* - | 18 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 18 |
| High Wycombe | Boys' Board School - | 14 | .. | .. | .. | .. | 5 | .. | .. | .. | .. | .. | .. | 13 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Higham Ferrers | Board School - - | 18 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 15 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 18 |
| *Hinckley* - | *Church School* - | 8 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 6 |
| Hindley - - | St. Paul's School - | 19 | 19 | 19 | .. | .. | .. | .. | .. | .. | 19 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 19 | .. |
| *Hitchin* - - | *British School* - | 14 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 14 |
| *Hoddesdon* - | *Town Hall* - - | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Holbeck* - - | *Industrial and Co-operative Society's Rooms.* | 30 | 11 | 29 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| " - | *Messrs. Marshall's Girls' School.* | 14 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 14 |
| " - | Mechanics' Institute - | 41 | .. | 16 | .. | .. | 11 | .. | .. | .. | .. | .. | .. | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 |
| *Holme* - - | *National School* - | 20 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 20 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Holsworthy - | Wesleyan School - | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 10 |
| Horsforth - | Mechanics' Institute - | 22 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 6 | .. | .. | .. | 17 | .. | .. | .. | .. | .. | .. | .. | .. |
| Houghton - | British School - | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 3 | .. | .. | .. | .. | .. | .. | .. | 3 |
| Hucknall Torkard. | Board School - - | 15 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 8 | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 |
| *Huddersfield* - | *Board School, Mount Pleasant.* | 19 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 19 |
| " - | *Board School, Mold Green* | 16 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 | .. | .. | .. | .. | .. | .. | .. | 16 |
| " - | Lockwood Mechanics' Institute. | 23 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 11 |
| " - | Mechanics' Institute, Northumberland Street, School of Art. | 139 | 26 | 17 | 19 | .. | .. | .. | .. | .. | .. | 25 | 43 | 22 | 25 | 9 | .. | 13 | .. | .. | .. | .. | .. | .. | .. | 23 |
| Huddersfield - | St. Peter's National School - | 18 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 8 | 16 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Hull - - | British School, Day Street - | 15 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 15 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| " - - | Board School, Anlaby Road | 14 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 14 | .. | .. | 14 | .. | .. | .. | .. | .. | .. | .. | .. | 10 | 12 |
| " - - | Board School, Wawne Street | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 10 |

Appendix B.

SCIENCE SCHOOLS AND CLASSES. SUBJECTS TAUGHT, &c.

Table showing the Classes, Subjects taught, and Number of Students, in all Science Schools, &c.—*continued.*

| Town. | Where held. | Total No. of Individual Students. | I. Practical, Plane, and Solid Geometry. | II. Machine construction and Drawing. | III. Building construction. | IV. Naval Architecture. | V. Pure Mathematics. Stages 1, 2, 3. | V. Pure Mathematics. Stages 4 & 5. | V. Pure Mathematics. Stages 6 & 7. | VI. Theoretical Mechanics. | VII. Applied Mechanics. | VIII. Acoustics, Light, and Heat. | IX. Magnetism and Electricity. | X. Inorganic Chemistry. | XI. Organic Chemistry. | XII. Geology. | XIII. Mineralogy. | XIV. Animal Physiology. | XV. Elementary Botany. | XVI. and XVII. General Biology. | XVIII. Mining. | XIX. Metallurgy. | XX. Navigation. | XXI. Nautical Astronomy. | XXII. Steam. | XXIII. Physical Geography. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hull - - | Church Institution - | 59 | 5 | 9 | .. | .. | 32 | .. | .. | .. | .. | .. | 5 | 7 | .. | .. | .. | .. | .. | .. | .. | .. | 82 | .. | 10 | 14 |
| ,, - - | Navigation Schools - | 82 | .. | .. | .. | .. | 19 | .. | .. | .. | .. | .. | 10 | 10 | .. | 12 | .. | 8 | .. | .. | .. | .. | .. | 63 | 32 | .. |
| ,, - - | Royal Institution - | 103 | 9 | 44 | 14 | .. | 19 | .. | .. | 16 | 16 | 14 | 10 | 10 | .. | 12 | .. | 8 | .. | .. | .. | .. | .. | .. | 8 | 20 |
| Huntingdon - | Young People's Institution | 182 | 18 | 20 | 40 | 12 | 19 | 4 | .. | .. | .. | 8 | 15 | 37 | .. | 3 | .. | 12 | .. | .. | .. | .. | .. | .. | 10 | 33 |
| ,, - - | Walden's School - | 8 | 2 | 3 | 2 | .. | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ,, - - | *British School, Chapel Lane* | 14 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 14 | .. | .. | .. | .. | .. | .. | 2 | 1 | .. | .. | .. | .. | .. | 13 |
| Hyde - - | The Institute - | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ,, - - | Educational Institute, Flowery Field. | 25 | 18 | 18 | 10 | .. | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ,, - - | Mechanics' Institute - | 48 | 27 | 16 | 11 | .. | 16 | .. | .. | .. | .. | 7 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 8 |
| Hyson Green - | National School - | 19 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 19 |
| *Idle* - - | *Mechanics' Institute* - | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 6 | .. | .. | .. | .. | .. | .. | .. |
| Ilfracombe - | Boys' School - | 40 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 35 |
| Ilkley - - | College, Queen's Road | 40 | .. | .. | .. | .. | 10 | .. | .. | .. | .. | 18 | 30 | 30 | .. | 10 | .. | .. | 6 | .. | .. | .. | .. | .. | .. | 35 |
| ,, - - | Eastburn School, Ben Rhydding Road. | 8 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 8 | 8 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ,, - - | The High School - | 30 | .. | .. | .. | .. | 10 | .. | .. | .. | .. | .. | 30 | 12 | .. | 12 | .. | 14 | .. | .. | .. | .. | .. | .. | .. | 30 |
| ,, - - | The Mount - | 18 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 18 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 18 |
| *Ilminster* - | *Endowed School* - | 12 | .. | .. | .. | .. | 8 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 |
| Ipswich - | School of Art and Assembly Rooms. | 76 | 12 | 3 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 | .. | 10 | .. | .. | .. | .. | .. | .. | .. | 20 |
| Isleworth - | National Boys' School | 15 | .. | .. | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 13 |
| Jarrow-on-Tyne | Mechanics' Institute | 36 | 10 | 18 | 6 | .. | .. | .. | .. | .. | 12 | .. | 12 | 9 | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 6 | .. |
| Keighley - | School of Science and Art - | 136 | 18 | 78 | 12 | .. | 66 | .. | .. | 48 | .. | 48 | 48 | 60 | .. | .. | .. | 59 | .. | 18 | .. | .. | .. | 18 | 18 | 106 |
| Kendal - | School of Science and Art - | 71 | .. | .. | .. | .. | 10 | .. | .. | .. | .. | 10 | 40 | 34 | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Kettering - | North End National School | 29 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 16 | 13 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Kidderminster - | Board School, Coventry Street. | 53 | .. | .. | .. | .. | 30 | .. | .. | .. | .. | .. | 40 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 44 |
| ,, - - | School of Art - | 23 | .. | 23 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kings Lynn | Athenæum | 34 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 | .. | 12 | .. | .. | .. | 13 | .. | .. | .. | .. | .. | .. | .. | .. |
| Kingswood | St. Michael's School | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 7 |
| " | Wesleyan School | 25 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 16 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 25 |
| Lancaster | Boys' National School | 15 | .. | .. | .. | .. | 15 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 15 | .. | .. | .. | .. | .. | .. | .. | .. |
| " | Mechanics' Institute, Market Street. | 38 | 15 | 15 | 15 | .. | 8 | .. | .. | .. | .. | .. | .. | 25 | .. | .. | .. | .. | 5 | .. | .. | .. | .. | .. | .. | .. |
| Lanivet | Endowed School | 15 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 15 |
| Launceston | Grammar School | 5 | .. | .. | .. | .. | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2 | .. | .. | .. | .. | .. | .. | .. | 4 |
| Leamington | Spencer Street School | 34 | .. | .. | .. | .. | 20 | .. | .. | .. | .. | 20 | .. | .. | .. | .. | .. | 26 | .. | .. | .. | .. | .. | .. | .. | 7 |
| Lee | Boys' British School, Boone Street. | 52 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 8 | .. | 28 | .. | .. | .. | 9 | .. | .. | .. | .. | .. | .. | .. | 25 |
| Leeds | *Baptist School, Hunslet* | 15 | .. | 15 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| " | Board School, Burley Road | 17 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 17 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| " | Board School, Carlton Hill | 30 | .. | .. | .. | .. | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| " | *Board School, Green Lane* | 28 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 28 |
| " | *Board School, St. Peter's Street.* | 55 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 23 | .. | .. | .. | .. | .. | .. | .. | 32 |
| " | Board School, Wintown Street | 58 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 58 |
| " | Chemists' Association, Church Institute. | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 6 | .. | .. | .. | .. | .. | .. | .. |
| " | Collegiate and Commercial School. | 25 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 25 | 25 | 25 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| " | Hunslet, St. Jude's School, Leathley Road. | 44 | 13 | 43 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| " | Mechanics' Institute, Hunslet. | 10 | .. | .. | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| " | Mechanics' Institute, School of Art. | 390 | 15 | 45 | 35 | .. | 116 | 6 | 1 | 6 | .. | .. | .. | 47 | 6 | .. | .. | 56 | .. | .. | .. | 8 | .. | .. | .. | 210 |
| " | Middle Class School, Basinghall Street. | 100 | .. | .. | .. | .. | 50 | .. | .. | .. | .. | 50 | 100 | 80 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 50 |
| " | Middle Class Schools, Woodhouse Lane. | 34 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 20 |
| " | National School, Buslingthorpe. | 11 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 11 |
| " | St. John Baptist School | 10 | .. | .. | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| " | St. Peter's National School, Kirkgate. | 10 | .. | .. | .. | .. | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 10 | .. | .. | .. | .. | .. | .. | .. | 10 |
| " | Wesleyan Sch., Pottery Field. | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 10 |
| " | *Wesleyan School, Richmond Hill.* | 22 | .. | .. | .. | .. | 17 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 13 |
| " | Working Men's Hall | 47 | .. | 29 | 18 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| " | Young Men's Christian Association. | 36 | 5 | 9 | 5 | .. | 2 | .. | .. | 3 | .. | .. | .. | .. | .. | .. | .. | 5 | .. | .. | .. | .. | .. | .. | 16 | 5 |
| Leicester | *Board School, Syston Street* | 17 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 | .. | .. | .. | .. | .. | .. | .. | 10 |
| " | Board School, Cumberland Street. | 54 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 6 | .. | .. | 24 | .. | 21 | .. | 11 | .. | .. | .. | 23 | .. | 14 |

Table showing the Classes, Subjects taught, and Number of Students, in all Science Schools, &c.—*continued.*

| Town. | Where held. | Total No. of Individual Students. | I. | II. | III. | IV. | V. | | | VI. | VII. | VIII. | IX. | X. | XI. | XII. | XIII. | XIV. | XV. | XVI. and XVII. | XVIII. | XIX. | XX. | XXI. | XXII. | XXIII |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Practical, Plane, and Solid Geometry. | Machine Construction and Drawing. | Building Construction. | Naval Architecture. | Pure Mathematics. Stages 1, 2, 3. | Stages 4 & 5. | Stages 6 & 7. | Theoretical Mechanics. | Applied Mechanics. | Acoustics, Light, and Heat. | Magnetism and Electricity. | Inorganic Chemistry. | Organic Chemistry. | Geology. | Mineralogy. | Animal Physiology. | Elementary Botany. | General Biology. | Mining. | Metallurgy. | Navigation. | Nautical Astronomy. | Steam. | Physical Geography. |
| Leicester | St. Martin's School | 159 | 10 | 20 | 18 | .. | 57 | .. | .. | 16 | 5 | 14 | 28 | 43 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 28 | 12 |
| " | St. John's National School, South Albion Street. | 15 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 |
| " | Town Museum | 130 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 18 | 44 | 27 | .. | 26 | .. | 16 | .. | 10 | .. | .. | .. | .. | .. | 55 |
| " | Trinity Church School | 50 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 | 20 | .. | .. | 27 | .. | 16 | .. | .. | .. | .. | .. | .. | .. | 20 |
| Leigh | Wesleyan School | 20 | .. | .. | .. | .. | 9 | .. | .. | .. | .. | 15 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Levenshulme* | *National School* | 17 | .. | .. | .. | .. | 17 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Lewes | Science and Art School | 14 | 4 | 1 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 9 | .. | .. | .. | .. | .. | .. | .. | 9 |
| Lewisham | Congregational School | 25 | .. | .. | .. | .. | 25 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 25 |
| *Leyland* | *Wesleyan School* | 17 | .. | .. | .. | .. | 17 | .. | .. | .. | .. | 17 | .. | 17 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 |
| *Lichfield* | *St. Michael's School* | 33 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 25 | .. | 8 | .. | .. | .. | .. | .. | .. | .. | .. |
| *Lincoln* | *British School, Newland* | 19 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 | .. | .. | .. | .. | .. | .. | .. | 15 |
| " | Training School, Newport | 50 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 50 | .. | 50 | .. | .. | .. | .. | .. | .. | .. | .. |
| Liskeard | Literary Institution | 16 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 16 |
| Littleborough | Church of England School | 18 | 18 | 11 | 5 | .. | .. | .. | .. | .. | 18 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| " | *Free Church School* | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 6 | 8 | .. | .. | .. | 6 | .. | .. | .. | .. | .. | .. | .. | .. |
| Littlehampton | Lecture Hall | 18 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 18 | .. | .. | .. | 6 | .. | .. | .. | .. | .. | .. | .. | .. |
| Liverpool | *Board School Ashfield, Street* | 26 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 26 |
| " | Board School, Queen's Road | 77 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 37 | .. | .. | .. | 47 | .. | .. | .. | .. | .. | .. | .. | .. |
| " | Christ Church School, Everton. | 24 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 24 |
| " | Free Library and Museum | 50 | 26 | 29 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 26 | 13 | 23 | .. | 14 | .. | .. | .. | .. | .. | .. |
| " | Great Homer Wesleyan School. | 36 | .. | .. | .. | .. | 10 | .. | .. | .. | .. | .. | .. | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 6 | .. | .. | 30 |
| " | *Hope Street School* | 25 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 25 |
| " | Institute, Mount Street | 214 | .. | 3 | .. | .. | 164 | .. | .. | 26 | 56 | 50 | 96 | 126 | .. | .. | .. | 67 | .. | .. | .. | .. | .. | .. | .. | .. | 160 |
| " | Liverpool College, Shaw Street. | 55 | 4 | 9 | .. | .. | 41 | .. | .. | 20 | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 20 | .. | .. |
| " | Operative Trades Hall | 43 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 43 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| " | Roman Catholic Training College. | 120 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 20 | .. | .. | .. | .. | .. | .. | 10 |
| " | *Roman Catholic Practising School.* | 35 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 35 |
| " | Royal Inst., Colquitt Street | 38 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 11 | 12 | 37 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| " | *St. Andrew's School* | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 5 |
| " | *St. John's School* | 40 | 33 | 40 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| " | St. Mary's School, Edgehill | 41 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 41 |
| Llandovery | British Schools | 12 | .. | .. | .. | .. | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 | .. | .. | .. | .. | .. | .. | .. | .. |
| Llanelly | Athenæum | 25 | 10 | 20 | 10 | .. | 8 | .. | .. | 10 | 10 | .. | .. | .. | .. | .. | .. | 3 | .. | .. | .. | .. | .. | .. | .. | .. |
| " | School, Goring Road | 16 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 9 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 14 |
| " | *Town Hall* | 17 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 17 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Llanwrtyd* | *Parish School* | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 3 |
| London:— | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Barnsbury | St. Clement's School | 30 | .. | .. | .. | .. | 10 | .. | .. | .. | .. | .. | .. | .. | .. | 16 | .. | 26 | .. | .. | .. | .. | .. | .. | .. | 16 |
| Battersea | Belmont Works | 40 | 10 | 11 | 15 | .. | 7 | .. | .. | .. | .. | .. | .. | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| " | Board School, Bolingbroke Road. | 25 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 20 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 22 |
| " | Board School, Battersea Park Road. | 80 | 43 | 13 | 15 | .. | 37 | .. | .. | .. | .. | 36 | 21 | 19 | .. | 2 | .. | 15 | 2 | .. | .. | .. | .. | .. | .. | 34 |
| " | St. John's Training College | 135 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 20 | .. | .. | .. | .. | 52 | 55 | .. | .. | .. | .. | .. | .. | 66 |
| " | *Lower Wandsworth Road School, 59, Battersea Park Road.* | 24 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 24 |
| " | Shaftesbury Hall | 29 | 29 | 29 | 29 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| " / " | Southland's Training College. / *Southlands Practising School* | 138 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 20 | .. | .. | .. | .. | 56 | 55 | .. | .. | .. | .. | .. | .. | 65 |
| " | Methodist Chapel School, Landseer Street. | 50 | 50 | 10 | 40 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Bermondsey | Board School, Monnow Road | 90 | 26 | 12 | 14 | .. | .. | .. | .. | .. | .. | 14 | 14 | .. | .. | .. | .. | 22 | 6 | 8 | .. | .. | .. | .. | .. | 35 |
| Bethnal Green | Birkbeck School | 110 | .. | .. | .. | .. | 62 | .. | .. | .. | .. | .. | 90 | 90 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| " | Board School, Roman Road | 44 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 14 | 13 | .. | .. | .. | .. | 6 | .. | .. | .. | .. | .. | .. | .. | 24 |
| " | National School | 131 | 10 | .. | .. | .. | 12 | .. | .. | 7 | .. | 22 | 40 | 4 | .. | 9 | .. | 112 | 106 | 10 | .. | .. | .. | .. | .. | 91 |
| " | St. James'-the-less National School. | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 | .. | .. | .. | .. | .. | .. | .. | .. |
| " | St. Matthias' School | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 7 |
| " | Wesleyan Day School | 67 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 67 | .. | .. | .. | .. | .. | 67 | .. | .. | .. | .. | .. | .. | .. | 67 |
| Bishopsgate | Upper School | 58 | .. | .. | .. | .. | 13 | .. | 1 | 25 | .. | 44 | 36 | 12 | .. | .. | .. | 27 | .. | .. | .. | .. | .. | .. | .. | 15 |
| Blackfriars Road. | South London Working Men's College. | 17 | 17 | 17 | 17 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Bloomsbury* | *Girls' School, Great Queen Street.* | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 7 | .. | .. | .. | .. | .. | .. | .. | .. |
| " | *Working Men's College* | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Borough Road | Boys' Model School | 18 | 15 | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 | .. | .. | .. | .. | .. | .. | .. | .. |

Table showing the Classes, Subjects taught, and Number of Students, in all Science Schools, &c.—*continued.*

| Town. | Where held. | Total No. of Individual Students. | I. Practical, Plane, and Solid Geometry. | II. Machine construction and Drawing. | III. Building Construction. | IV. Naval Architecture. | V. Pure Mathematics. Stages 1, 2, 3. | V. Pure Mathematics. Stages 4 & 5. | V. Pure Mathematics. Stages 6 & 7. | VI. Theoretical Mechanics. | VII. Applied Mechanics. | VIII. Acoustics, Light, and Heat. | IX. Magnetism and Electricity. | X. Inorganic Chemistry. | XI. Organic Chemistry. | XII. Geology. | XIII. Mineralogy. | XIV. Animal Physiology. | XV. Elementary Botany. | XVI. and XVII. General Biology. | XVIII. Mining. | XIX. Metallurgy. | XX. Navigation. | XXI. Nautical Astronomy. | XXII. Steam. | XXIII. Physical Geography. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| London—*cont.* | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Borough Road | Training College - | 130 | .. | .. | .. | .. | 70 | 40 | .. | 90 | .. | .. | .. | 130 | .. | .. | .. | 120 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Bow - - | Bow and Bromley Institute | 26 | .. | 3 | 6 | .. | 12 | .. | .. | .. | .. | .. | 23 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 36 |
| ,, - - | North Bow Board School - | 40 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ,, - - | North Bow School, Armagh Road. | 10 | 2 | 4 | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ,, - - | Old Ford Road Science School. | 60 | 21 | 21 | .. | .. | .. | .. | .. | .. | .. | 60 | 60 | 60 | .. | .. | .. | 60 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ,, - - | Old Ford Board School, Atley Road. | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 |
| ,, - - | Tredegar Road School - | 50 | .. | .. | .. | .. | 18 | .. | .. | .. | .. | .. | 30 | .. | .. | .. | .. | 15 | .. | .. | .. | .. | .. | .. | .. | .. | 50 |
| Bromley - | St. Leonard's School - | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 20 |
| ,, - | *Board Schools, High Street* - | 40 | .. | .. | .. | .. | 20 | .. | .. | .. | .. | .. | .. | .. | .. | 20 | .. | 20 | .. | .. | .. | .. | .. | .. | .. | .. | 16 |
| ,, (South) | St. Michael's School - | 50 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 24 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 41 |
| *Caledonian Road.* | *Gilford Hall and Institute* | 26 | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 26 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Camberwell - | St. John's Middle Class School. | 29 | .. | .. | .. | .. | 29 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 22 | .. | .. | .. | .. | .. | 10 |
| Camden Town | St. Matthew's National Sch. | 11 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 99 | 99 | .. | .. | .. | 10 | .. | 14 | .. | .. | 2 | .. | .. | 27 | 53 |
| Chancery Lane | Birkbeck Literary and Scientific Institution. | 430 | 22 | 26 | 20 | .. | 100 | 18 | 14 | 46 | 36 | 99 | 99 | 75 | .. | 50 | 13 | 57 | 42 | .. | .. | .. | .. | .. | .. | .. | .. |
| Chelsea - | Boys' School, Draycott Street. | 100 | 12 | 5 | 21 | .. | .. | .. | .. | .. | 10 | 14 | 15 | 9 | .. | .. | .. | 33 | 10 | .. | .. | .. | .. | .. | .. | .. | 40 |
| ,, - | *High School for Girls, Smith Street.* | 22 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 22 | .. | 22 | .. | .. | .. | .. | .. | .. | .. |
| ,, - | St. Mark's College - | 120 | .. | .. | .. | .. | 62 | .. | .. | 58 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 62 |
| ,, - | St. Mark's College Schools - | 50 | .. | .. | .. | .. | 20 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 40 |
| ,, - | Onslow College - | 159 | 34 | 24 | 51 | .. | 20 | .. | .. | 8 | 34 | 14 | 26 | 27 | 11 | 8 | .. | 27 | .. | 10 | .. | 7 | .. | 11 | .. | .. | 22 |
| ,, - | Whiteland's College - | 125 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 60 | 25 | .. | .. | .. | .. | .. | .. | .. | 64 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ,, | Whiteland's School | 50 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 20 | 20 | .. | .. | .. | .. | .. | .. | 20 |
| City Road | Radnor Institute and School of Science. | 150 | 8 | 9 | 8 | .. | 15 | .. | .. | 10 | .. | 15 | 60 | 10 | .. | 20 | .. | 30 | 10 | 8 | .. | .. | .. | .. | .. | 75 |
| ,, | Bath Street Board School | 43 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 | 40 | .. | .. | .. | .. | 25 | .. | .. | .. | .. | .. | .. | .. | 14 |
| ,, | Whitfield Tabernacle School, Tabernacle Row. | 30 | .. | .. | .. | .. | 25 | .. | .. | .. | .. | 30 | .. | .. | .. | .. | .. | 30 | .. | .. | .. | .. | .. | .. | .. | .. |
| *Clapham* | *Ladies' College, Woodlands* | 20 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 20 | .. | .. | .. | .. | .. | .. |
| *Commercial Road.* | *Board School, Lower Chapman Street.* | 13 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 13 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ,, | Board School, Berners Street. | 5 | .. | .. | .. | .. | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 5 | .. | .. | .. | .. | .. | .. | .. | 5 |
| Dalston | Brownlow Road Private School. | 35 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 30 | 35 | .. | .. | .. | .. | 35 | .. | .. | .. | .. | .. | .. | .. | 30 |
| ,, | Bay Street School | 40 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 40 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Goswell Road | St. Thomas', Charterhouse | 520 | 20 | .. | .. | .. | 70 | .. | .. | 30 | .. | 130 | 100 | 75 | .. | 35 | .. | 120 | 30 | 20 | .. | .. | .. | .. | .. | 30 |
| Gray's Inn Road. | St. Bartholomew's | 39 | 4 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | 39 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Hackney | Fellows Street School, Weymouth Terrace. | 18 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 8 |
| ,, | *St. Michael's and All Angels School.* | 39 | .. | .. | .. | .. | 9 | .. | .. | .. | .. | 8 | 6 | .. | .. | .. | .. | 25 | .. | .. | .. | .. | .. | .. | .. | 30 |
| *Hackney (South).* | *Congregational School* | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 | .. | .. | .. | .. | .. | .. | .. | 20 |
| ,, | *Science School, Cassland Road.* | 60 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 15 | .. | .. | .. | 50 | 18 | .. | .. | .. | .. | .. | .. | .. |
| Hammersmith | Broadway Lecture Hall | 70 | 10 | 30 | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ,, | *Board School, Waterloo Street.* | 16 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 16 |
| ,, | Training College, Brook Green. | 60 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 60 | .. | 60 | .. | .. | .. | 60 | .. | .. | .. | .. | .. | .. | .. | .. |
| *Hampstead Road.* | *Board School, Henry Street* | 14 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 14 | .. | .. | .. | .. | .. | .. | .. | .. |
| Haverstock Hill. | Orphan Working School | 78 | 78 | .. | .. | .. | 78 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 78 | 78 | .. | .. | .. | .. | .. | .. | 78 |
| ,, | *Board School, Truro Street* | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 | .. | .. | .. | .. | .. | .. | .. | .. |
| Highbury | Wesleyan School | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 8 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 |
| *Highgate* | *National School* | 16 | .. | .. | .. | .. | 16 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Holloway | Holloway College | 90 | 10 | 15 | 10 | .. | .. | .. | .. | .. | .. | 78 | 70 | .. | .. | 24 | .. | 73 | .. | .. | .. | .. | .. | .. | .. | 78 |
| ,, | *St. Barnabas School* | 19 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 8 | .. | .. | .. | .. | .. | .. | .. | 15 |
| ,, | St. John's Youths' Institute | 48 | 17 | .. | .. | .. | .. | .. | .. | 11 | .. | .. | 23 | 20 | .. | .. | .. | 17 | .. | .. | .. | .. | .. | .. | .. | .. |
| ,, (Upper) | St. James's Institution | 10 | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Homerton | Training College | 24 | 12 | 12 | .. | .. | .. | .. | .. | .. | .. | 24 | 24 | .. | .. | .. | .. | 23 | .. | .. | .. | .. | .. | .. | .. | .. |
| ,, | College School | 52 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 17 | .. | .. | .. | 16 | .. | .. | 11 | .. | .. | .. | .. | .. | .. | 29 |
| Hornsey | Youths' Institution, Finsbury Park. | 24 | .. | .. | 8 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 10 | .. | .. | .. | .. | .. | .. | .. | 13 |
| Hoxton | Academy School | 24 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 24 | 24 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

Table showing the Classes, Subjects taught, and Number of Students, in all Science Schools, &c.—*continued.*

| Town. | Where held | Total No. of Individual Students. | I. Practical, Plane, and Solid Geometry. | II. Machine Construction and Drawing. | III. Building Construction. | IV. Naval Architecture. | V. Pure Mathematics. Stages 1, 2, 3. | V. Pure Mathematics. Stages 4 & 5. | V. Pure Mathematics. Stages 6 & 7. | VI. Theoretical Mechanics. | VII. Applied Mechanics. | VIII. Acoustics, Light, and Heat. | IX. Magnetism and Electricity. | X. Inorganic Chemistry. | XI. Organic Chemistry. | XII. Geology. | XIII. Mineralogy. | XIV. Animal Physiology. | XV. Elementary Botany. | XVI. and XVII. General Biology. | XVIII. Mining. | XIX. Metallurgy. | XX. Navigation. | XXI. Nautical Astronomy. | XXII. Steam. | XXIII. Physical Geography. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| London—*cont.* | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hoxton - | *Haberdashers' Schools* - | 100 | : | : | : | : | 60 | : | : | 60 | : | 100 | : | 60 | : | 30 | : | 60 | : | : | : | : | : | : | : | 100 |
| " - | Holy Trinity Schools | 30 | : | 5 | : | : | 6 | : | : | : | : | 30 | 30 | 30 | : | : | : | 30 | : | : | : | : | : | : | : | 30 |
| " - | St. John's National School | 5 | : | 5 | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | 5 |
| " - | Wesleyan School, Minfern Street. | 75 | 25 | 4 | 21 | : | 10 | : | : | : | : | 50 | 25 | : | : | : | : | 50 | : | : | : | : | : | : | : | 25 |
| *Islington* - | *Boys' National School, Cloudesley Street.* | 28 | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | 28 | : | : | : | : | : | : | : | 28 |
| " - | Barnsbury Youths' Institute | 142 | 36 | : | : | : | 19 | : | : | : | : | 18 | 30 | 24 | : | 26 | : | 25 | : | : | : | : | : | : | : | 37 |
| " - | Hemingford Hall - | 36 | : | : | : | : | : | : | : | : | : | : | : | 36 | : | : | : | 36 | : | : | : | : | : | : | : | 36 |
| " - | Parochial School, Liverpool Road. | 21 | : | : | : | : | : | : | : | : | : | : | 10 | 6 | : | : | : | 8 | : | : | : | : | : | : | : | : |
| " - | *St. Jude's District School* - | 12 | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | 12 | : | : | : | : | : | : | : | 12 |
| " - | *St. Mary's Youths' Institute.* | 51 | : | : | : | : | : | : | : | : | : | : | 30 | 24 | : | : | : | 17 | : | : | : | : | : | : | : | : |
| " - | *St. Peter's National School* | 4 | 4 | 4 | 4 | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | 20 |
| " - | School of Science and Art - | 190 | 35 | 1 | 39 | : | 50 | : | : | 50 | : | 150 | 145 | 84 | : | : | : | 90 | : | : | : | : | : | : | : | : |
| Kensington - | British School - | 85 | 24 | : | : | : | 15 | : | : | : | : | : | 12 | : | : | : | : | 20 | : | : | : | : | : | : | : | 19 |
| " - | *St. Barnabas' and St. Philip's School.* | 19 | : | : | : | : | : | : | : | : | : | : | : | 32 | 24 | 12 | : | : | : | : | : | : | : | : | : | : |
| Kentish Town - | Literary Institution | 3 | : | : | : | : | 3 | : | : | : | : | : | : | : | : | : | : | 15 | : | : | : | : | : | : | : | 18 |
| " - | Training School, Wilkin St. | 20 | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | 17 |
| " - | Wesleyan Street - | 17 | 14 | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | 21 |
| Kingsland - | *Board School, Shap Street.* | 21 | : | : | : | : | : | : | : | : | : | : | : | : | : | 12 | : | 20 | : | : | : | : | : | : | : | 13 |
| " - | Birkbeck School, Colveston Crescent. | 60 | : | : | : | : | : | : | : | : | : | : | : | 32 | 24 | : | : | : | : | : | : | : | : | : | : | 48 |
| " - | Middle Class School - | 110 | : | : | : | : | : | : | : | : | : | 110 | 10 | : | : | : | : | : | : | : | : | : | : | : | : | : |
| " - | North London School of | 18 | 5 | 3 | 14 | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Knightsbridge | Albert Working Men's Club | 25 | 16 | .. | .. | .. | .. | .. | .. | .. | 7 | 9 | 12 | .. | .. | .. | .. | 9 | .. | .. | .. | .. | .. | .. | .. | .. |
| Lambeth | Boys' School, Hercules Buildings. | 138 | 125 | 125 | 25 | .. | .. | .. | .. | .. | .. | .. | 23 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 42 |
| " | School of Art, Miller's Lane | 30 | 20 | 30 | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 20 | .. | .. | .. | .. | .. | .. | .. | .. |
| " | St. Andrew's Upper Boys' School. | 40 | .. | .. | .. | .. | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 37 |
| Leadenhall Street. | City of London College | 150 | .. | 20 | 24 | .. | 17 | .. | .. | .. | .. | 8 | 37 | .. | .. | 7 | .. | 7 | .. | .. | .. | .. | .. | .. | .. | .. |
| Limehouse | Dalgleish Place School | 20 | 9 | 14 | .. | .. | .. | .. | .. | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 10 | .. |
| " | St. Ann's National School | 10 | .. | .. | .. | .. | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 10 |
| " | *Wesleyan School* | 8 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 8 |
| Marylebone | Board School, Bell Street | 60 | 60 | 2 | 58 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| " | Central School | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| " | St. Andrew's Parochial School. | 70 | 70 | 20 | 50 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| " | *Trinity School* | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| " | Quebec Institute | 102 | 16 | 8 | 12 | .. | 16 | .. | .. | 14 | 12 | 20 | 20 | 18 | .. | .. | .. | 34 | .. | .. | .. | .. | .. | .. | .. | 8 |
| Mile End New Town. | Schoolroom | 40 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 40 | .. | .. | .. | .. | .. | .. | .. | 40 |
| Mile End Road | Private School (No. 141) | 17 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 | .. | .. | .. | .. | .. | .. | .. | 14 |
| Millwall | Board School | 12 | 12 | 8 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| " | *Dock Club* | 6 | 6 | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Notting Hill | Board School | 28 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 | 12 | 20 | .. | .. | .. | .. | .. | .. | .. | 8 | .. | .. | .. | .. |
| " | *High School for Girls, Norland Square.* | 40 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 40 | .. | .. | .. | .. | .. | .. |
| Old Street, St. Luke's. | Parochial School | 82 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 45 | 66 | 22 | .. | .. | .. | 60 | .. | .. | .. | .. | .. | .. | .. | 42 |
| Paddington | St. James' National School | 30 | .. | .. | .. | .. | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 24 | .. | .. | .. | .. | .. | .. | .. | 24 |
| " | St. Michael's Boys' School | 5 | .. | 4 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Peckham | British School | 26 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 26 | .. | 26 | .. | .. | .. | .. | .. | .. | .. | .. |
| " | Wesleyan School | 51 | 41 | 40 | 4 | .. | 12 | .. | .. | .. | .. | 35 | 34 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 36 |
| *Pentonville* | *Boys' School* | 25 | .. | .. | .. | .. | 10 | .. | .. | .. | .. | .. | 25 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 8 |
| Pimlico | St. Barnabas' Boys' School, Ebury Street. | 41 | .. | 3 | .. | .. | .. | .. | .. | .. | .. | 37 | 36 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| " | St. Michael's School | 15 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 15 | 15 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| " | Wesleyan School | 34 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 34 |
| Poplar | All Saints' Boys' National School. | 60 | 22 | 25 | .. | .. | 20 | .. | .. | .. | 16 | .. | 51 | .. | .. | .. | .. | 21 | .. | .. | .. | .. | .. | .. | 23 | 32 |
| " | *Board School, Richard Street.* | 20 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 20 | .. | .. | .. | .. | .. | .. | .. | .. |
| " | St. Mary's School | 42 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 41 | .. | 42 | .. | .. | .. | .. | .. | .. | .. | 41 |
| " | St. Saviour's National School | 40 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 20 | .. | .. | .. | .. | .. | .. | .. | 24 |
| " | Trinity Board School | 13 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 13 |
| Ratcliffe | Board School | 24 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 23 | .. | .. | .. | .. | .. | 10 | .. | .. | .. | .. | .. | .. | .. | .. |
| Regent Street | Royal Polytechnic Institution. | 41 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 11 | 20 | .. | .. | .. | 10 | .. | .. | .. | .. | .. | .. | .. | .. |

Appendix B.

SCIENCE SCHOOLS AND CLASSES.' SUBJECTS TAUGHT, &c.

Table showing the Classes, Subjects taught, and Number of Students, in all Science Schools, &c.—*continued.*

| Town. | Where held. | Total No. of Individual Students. | I. Practical, Plane, and Solid Geometry. | II. Machine Construction and Drawing. | III. Building Construction. | IV. Naval Architecture. | V. Pure Mathematics. Stages 1, 2, 3. | V. Pure Mathematics. Stages 4 & 5. | V. Pure Mathematics. Stages 6 & 7. | VI. Theoretical Mechanics. | VII. Applied Mechanics. | VIII. Acoustics, Light, and Heat. | IX. Magnetism and Electricity. | X. Inorganic Chemistry. | XI. Organic Chemistry. | XII. Geology. | XIII. Mineralogy. | XIV. Animal Physiology. | XV. Elementary Botany. | XVI. and XVII. General Biology. | XVIII. Mining. | XIX. Metallurgy. | XX. Navigation. | XXI. Nautical Astronomy. | XXII. Steam. | XXIII. Physical Geography. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| London—*cont.* | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *St. Luke's* - | *Board School, Central School,* | 19 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 | .. | .. | .. | .. | .. | .. | .. | 19 |
| St. Martin's - | Artizans' Institute, Castle Street. | 32 | 5 | .. | 5 | .. | .. | .. | .. | 8 | .. | .. | .. | 9 | .. | .. | .. | 5 | .. | .. | .. | .. | .. | .. | .. | .. |
| Somers Town | Board School, Brewer Street. | 50 | 50 | 10 | 40 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| South Lambeth. | St. Barnabas School, Spring Grove. | 15 | 15 | 5 | 10 | .. | .. | .. | .. | .. | .. | .. | 15 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 15 |
| " | *St. Barnabas School, Devonshire Road.* | 15 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Southwark - | Swan Street National School. | 18 | 18 | 8 | 10 | .. | .. | .. | .. | .. | .. | 18 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 30 |
| " - | Wesleyan School, Chapel Place. | 30 | 15 | 15 | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 7 | .. | .. | .. | .. | .. | .. | 3 |
| Stepney - | *Board School, Baker Street* | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 21 | .. | .. | .. | .. | .. | .. | 26 |
| " - | Board School, Jonson Street. | 45 | 6 | 3 | 5 | .. | 19 | .. | .. | .. | .. | .. | 5 | 35 | .. | .. | .. | 38 | .. | .. | .. | .. | .. | .. | .. | .. |
| " - | John Knox School, Oxford Street. | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 125 | 135 | .. | .. | .. | .. | .. | .. | .. |
| " - | Meeting School - | 36 | 10 | .. | .. | .. | 6 | 1 | .. | .. | .. | 5 | 35 | .. | .. | .. | .. | 6 | .. | 6 | .. | .. | .. | .. | .. | .. |
| " - | Mile End Old Town School | 40 | 35 | .. | .. | .. | .. | .. | .. | .. | .. | 35 | .. | .. | .. | .. | .. | 26 | 26 | 2 | .. | .. | .. | .. | .. | 22 |
| " - | St. Paul's School - | 38 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 35 | 35 | .. | .. | .. | .. | .. | .. | .. | 35 |
| Stockwell - | Training College - | 125 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 35 | .. | .. | .. | .. | .. | .. | .. | 36 |
| " - | *Educational Institute* - | 40 | 8 | 6 | .. | .. | 16 | .. | .. | .. | .. | 40 | 22 | .. | .. | .. | .. | .. | 125 | .. | .. | .. | .. | .. | .. | .. |
| *Stoke Newington.* | *Wellington Road Schools* - | 40 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 40 | 40 | .. | .. | .. | 15 | .. | .. | .. | .. | .. | .. | .. | .. | 15 |
| Vauxhall - | London and South-western Railway Literary Inst. | 18 | 18 | 15 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 20 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Victoria Park | St. John's School | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Walworth* - | *Board School, Victory Place* | 139 | .. | .. | .. | .. | 14 | .. | .. | .. | .. | 27 | 28 | 14 | .. | 12 | .. | 82 | .. | .. | .. | .. | .. | .. | .. | .. | 90 |
| „ - | Board School, Westmoreland Road. | 44 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 18 | 44 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| „ - | Literary and Scientific Institute. | 6 | .. | .. | .. | .. | .. | .. | .. | 1 | .. | 2 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 1 |
| Wandsworth - | Roman Catholic Training College. | 50 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 50 |
| „ - | *St. Ann's School* - - | 15 | .. | 3 | .. | .. | .. | .. | .. | .. | .. | 11 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 14 |
| *Wapping* - | *St. John's School* - - | 8 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 6 | .. | .. | .. | .. | .. | .. | .. | .. | 7 |
| West London | School of Art, 204, Great Portland Street. | 16 | 11 | 7 | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Westbourne Park. | St. Stephen's School - | 28 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 20 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 8 |
| „ | Chapel Sch., Lancaster Road | 20 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 20 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Westminster - | Grosvenor Working Men's Club, Buckingham Palace Road. | 35 | 35 | 35 | 35 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| „ - | St. James' the Less School - | 50 | 50 | 10 | 40 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| „ - | St. Margaret's Parochial School, Tothill Street. | 25 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 25 |
| „ - | St. Margaret's Technical School, Artillery Row. | 140 | .. | .. | .. | .. | 36 | .. | .. | 40 | .. | 118 | 117 | 88 | .. | 6 | .. | 5 | .. | .. | .. | .. | .. | .. | .. | .. | 6 |
| „ - | St. Stephen's National School. | 71 | 10 | .. | 10 | .. | 11 | .. | .. | .. | .. | .. | 22 | 24 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 60 |
| „ - | Wesleyan Training College - | 157 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 157 | 20 | 90 | .. | .. | .. | 130 | 20 | .. | .. | .. | .. | .. | .. | .. | 67 |
| Westminster Bridge Road. | Yorkshire Society's School - | 55 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 38 | 37 | .. | .. | 18 | .. | .. | .. | .. | .. | .. | .. | .. | 46 |
| *Whitechapel* - | *Sion Chapel School* - - | 3 | .. | .. | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Long Preston* - | *Endowed School* - - | 6 | .. | .. | .. | .. | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 6 |
| „ - | *Mechanics' Institute* - | 22 | 22 | .. | .. | .. | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 |
| *Longridge* - | *National School* - - | 18 | .. | .. | .. | .. | 6 | .. | .. | .. | .. | .. | 15 | 16 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| „ - | *British School* - - | 15 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 15 | 15 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Loughborough - | Lancasterian Boys' School - | 15 | .. | .. | .. | .. | 15 | .. | .. | .. | .. | .. | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Louth - - | Mechanics' Institute, Upgate. | 20 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 11 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 11 |
| Luton - - | Mechanics' Institute - | 25 | .. | 25 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Lutterworth* - | *Dunton Bassett Board School.* | 8 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 8 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| „ - | Sherrier's School - - | 39 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 15 | 24 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Lyonshall* - | *Parochial School* - - | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 4 |
| Macclesfield - | Modern Free School - - | 66 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 66 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 66 |
| Maidstone - | All Saints' Youths' Institute | 59 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 59 |
| „ - | *Holy Trinity Boys' School* - | 42 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 14 | 32 | .. | .. | .. | .. | .. | .. | .. | 21 |
| „ - | Middle Class Boys' School - | 142 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 46 | 58 | 25 | .. | .. | .. | 20 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Mallwyd - | Church of England School - | 30 | .. | .. | .. | .. | 4 | .. | .. | .. | .. | .. | .. | 26 | .. | 14 | .. | 4 | .. | .. | .. | .. | .. | .. | .. | .. | 6 |

Table showing the Classes, Subjects taught, and Number of Students, in all Science Schools, &c.—*continued.*

| Town. | Where held. | Total No. of Individual Students. | I. Practical, Plane, and Solid Geometry. | II. Machine construction and Drawing. | III. Building construction. | IV. Naval Architecture. | V. Pure Mathematics. Stages 1, 2, 3 | V. Pure Mathematics. Stages 4 & 5 | V. Pure Mathematics. Stages 6 & 7. | VI. Theoretical Mechanics. | VII. Applied Mechanics. | VIII. Acoustics, Light, and Heat. | IX. Magnetism and Electricity. | X. Inorganic Chemistry. | XI. Organic Chemistry. | XII. Geology. | XIII. Mineralogy. | XIV. Animal Physiology. | XV. Elementary Botany. | XVI. and XVII. General Biology. | XVIII. Mining. | XIX. Metallurgy. | XX. Navigation. | XXI. Nautical Astronomy. | XXII. Steam. | XXIII. Physical Geography. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Malvern Link | National School | 8 | 40 | .. | 65 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 8 | .. | .. | 8 | .. | .. | .. | .. | .. | .. | .. |
| Manchester | Building Trade's Institute, St. John's School. | 65 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ,, | *Catholic Collegiate Institute* | 37 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 37 | 25 | .. | 27 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ,, | Cheetham, St. John's School | 25 | .. | 9 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 25 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ,, | *Collyhurst Wesleyan School* | 20 | 12 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ,, | *Commercial School, Stretford Road.* | 40 | 6 | 15 | .. | .. | 30 | .. | .. | 10 | .. | .. | .. | 30 | .. | .. | .. | .. | .. | .. | 30 | .. | .. | .. | .. | .. |
| ,, | *Domestic Mission School, Embden Street.* | 18 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 18 | .. | .. | .. | .. | .. |
| ,, | Domestic Mission School, Rochdale Road | 40 | 20 | 20 | .. | .. | 7 | .. | .. | .. | .. | 3 | 20 | .. | .. | .. | .. | .. | .. | .. | 20 | .. | .. | .. | .. | .. |
| ,, | Grammar School, Long Millgate. | 685 | 45 | 105 | 95 | .. | 350 | .. | .. | 150 | 15 | 125 | 125 | 170 | 60 | 140 | 10 | 120 | 3 | 20 | 300 | 4 | .. | 4 | 20 | 56 |
| ,, | Hulme, St. John Baptist School. | 4 | .. | .. | .. | .. | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ,, | Hulme, St. Mark's Church Institute. | 45 | 16 | 18 | .. | .. | .. | .. | .. | .. | .. | .. | 30 | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ,, | Hulme Working Men's Institute. | 17 | 6 | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ,, | *Institute, Miles Platting* | 8 | .. | 8 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ,, | Mechanics' Institute, David Street. | 520 | 200 | 180 | 90 | .. | 116 | .. | .. | 84 | 60 | 99 | 105 | 76 | .. | .. | .. | 102 | .. | .. | 92 | .. | .. | 37 | .. | .. |
| ,, | Peter Street Schools | 50 | .. | .. | .. | .. | 40 | .. | .. | .. | .. | .. | 6 | 6 | .. | .. | .. | 35 | .. | .. | 40 | .. | .. | .. | .. | .. |
| ,, | Presbyterian Schools, Ancoate. | 31 | 20 | 20 | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ,, | *St. Luke's National School, Miles Platting.* | 8 | .. | 8 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ,, | *St. Matthew's Middle School* | 70 | .. | .. | .. | .. | 30 | .. | .. | .. | .. | .. | .. | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 56 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| " | St. Philip's School | 50 | 23 | 23 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 33 | .. | .. | .. | .. | .. | .. | .. | 33 |
| " | St. Thomas's School, Ardwick | 15 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 15 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| " | School of Art, Royal Institution. | 16 | 2 | 2 | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| " | St. Wilfred's Roman Catholic School, Rutland Street. | 32 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 32 | 24 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| " | Schoolmaster's Class, Peter Street. | 65 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 18 | 8 | .. | .. | .. | .. | 27 | .. | .. | 54 | .. | .. | .. | .. | 31 |
| " | *Wesleyan School, Grosvenor Street.* | 36 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 36 |
| " | Young Men's Christian Association, Peter Street. | 60 | .. | .. | .. | .. | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 15 | .. | .. | .. | .. | .. | .. | .. | 15 |
| " | *Zion Chapel School, Mulberry Street.* | 8 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 7 | .. | 8 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Mansfield | Mechanics' Institution | 33 | .. | 15 | .. | .. | 13 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 14 | .. | .. | .. | .. | .. | .. | .. | .. |
| Market Harborough. | British School | 15 | .. | .. | .. | .. | 10 | .. | .. | .. | .. | .. | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 6 |
| Marple | Albert Schools, Church Lane | 16 | .. | .. | .. | .. | 15 | .. | .. | .. | .. | .. | .. | 16 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Marsh Lane* | *Board School* | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 23 |
| *Marske by the Sea.* | *Literary and Mechanics' Institute.* | 28 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 13 | .. | .. | .. | 13 | .. | 16 | .. | .. | .. | .. | .. | .. | .. | .. |
| | *Miners' Institute* | 13 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 13 | .. | .. | .. | .. | .. | .. | .. | .. |
| Maryport | National School | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 | .. | .. | .. | .. | .. | 12 | .. | .. | .. | .. | .. | .. | .. | .. |
| Masham | Grammar School | 20 | .. | .. | .. | .. | 16 | .. | .. | .. | .. | .. | .. | .. | 20 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 20 |
| Matlock Bath | National School | 37 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 34 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 32 |
| Melksham | Lowborne Road, British School. | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 | 12 | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Meltham Mills | National School | 14 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 9 | .. | .. | .. | .. | .. | .. | .. | 6 |
| Melton Mowbray | Church Free School | 15 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 15 | .. | .. | .. | .. | .. | .. | .. | .. |
| *Melton Mowbray* | *British School* | 20 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 20 |
| *Merthyr Tydfil* | *Twynyrodyn Board School* | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 | .. | .. | .. | .. | .. | .. | .. | .. |
| " | Abermorlais Board School | 40 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 | 12 | 25 | .. | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 40 |
| " | Penydarren Board School | 28 | .. | .. | .. | .. | 15 | .. | .. | 6 | .. | .. | .. | .. | .. | .. | .. | .. | 8 | .. | .. | .. | .. | .. | .. | 20 |
| *Mexborough* | *Primitive Methodist School* | 23 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 18 | 16 | .. | .. | 20 | .. | 20 | .. | .. | .. | .. | .. | .. | .. | .. |
| Middlesborough-on-Tees. | Mechanics' Institute | 35 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 9 | 16 | 4 | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Middleton (Manchester). | Grammar School, Irk Street | 15 | 15 | 15 | 15 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Millbrook | Sunday School | 14 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 14 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Minchinhampton.* | *Parochial School* | 23 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 17 | 7 | .. | .. | .. | .. | 18 | .. | .. | .. | .. | .. | .. | .. |
| Mirfield | Grammar School | 18 | .. | .. | .. | .. | 11 | .. | .. | .. | .. | .. | .. | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 10 |
| " | Mechanics' Institute | 18 | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 9 |
| " | Wesleyan School | 27 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 27 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 24 |
| *Morley* | *Wesleyan School, Queen Street.* | 5 | .. | .. | .. | .. | 3 | .. | .. | .. | .. | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

Appendix B.

SCIENCE SCHOOLS AND CLASSES. SUBJECTS TAUGHT, &c.

Table showing the Classes, Subjects taught, and Number of Students, in all Science Schools, &c.—*continued.*

| Town. | Where held. | Total No. of Individual Students. | I. Practical, Plane, and Solid Geometry. | II. Machine construction and Drawing. | III. Building Construction. | IV. Naval Architecture. | V. Pure Mathematics. Stages. 1, 2, 3. | V. Pure Mathematics. Stages. 4 & 5. | V. Pure Mathematics. Stages. 6 & 7. | VI. Theoretical Mechanics. | VII. Applied Mechanics. | VIII. Acoustics, Light, and Heat. | IX. Magnetism and Electricity. | X. Inorganic Chemistry. | XI. Organic Chemistry. | XII. Geology. | XIII. Mineralogy. | XIV. Animal Physiology. | XV. Elementary Botany. | XVI. and XVII. General Biology. | XVIII. Mining. | XIX. Metallurgy. | XX. Navigation. | XXI. Nautical Astronomy. | XXII. Steam. | XXIII. Physics Geography. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *Morton* - - | *British and Foreign School.* | 19 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 8 | 18 | 8 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Mountain Ash* - | *Daffryn School* - - | 38 | .. | .. | .. | .. | 7 | .. | .. | .. | .. | .. | .. | .. | .. | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 20 |
| *Murton* - - | *Colliery School* - - | 13 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 18 | .. | .. | 16 | .. | 6 | .. | .. | .. | .. | .. | .. | .. | 13 |
| Nelson-in-Marsden. | Lomeshaye School - - | 27 | .. | .. | .. | 18 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 25 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Nendhead* - | *London Lead Company's School.* | 13 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 31 | 13 |
| *Newcastle-on-Tyne.* | *Board School, Arthur's Hill* | 15 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 15 |
| " - | *Board School, Westmoreland Road,* | 23 | .. | .. | .. | .. | 7 | .. | .. | .. | .. | .. | .. | .. | .. | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 20 |
| " - | Church of England Institution, Percy Street. | 15 | .. | .. | .. | .. | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 6 | .. | .. | .. | .. | .. | .. | .. | .. | 13 |
| " - | Mechanics' Institute, Elswick. | 228 | 42 | 19 | 6 | .. | 71 | 5 | .. | 31 | 31 | 35 | 35 | 33 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 31 | .. | .. |
| " - | Mechanics' Institution, New Bridge Street. | 130 | 70 | 170 | 20 | .. | 20 | .. | .. | 25 | 25 | 6 | 6 | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 25 | 10 | .. |
| " - | *Orphan House Wesleyan School.* | 36 | .. | .. | .. | .. | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 36 |
| " - | School of Art - - | 20 | 4 | 7 | 9 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Newcastle-under-Lyme. | Wesleyan School, School Street. | 16 | .. | .. | .. | .. | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 16 |
| New Church - | Mechanics' Institute - | 16 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 16 | .. | 33 | .. | 27 | 15 | 15 | .. | .. | .. | .. | .. | 17 | 54 |
| New Cross - | Board School, Clifton Road. | 136 | .. | 19 | .. | .. | .. | .. | .. | .. | .. | 35 | 33 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2 | .. |
| Newport (Mon.) | Free Library, Savings' Bank Chambers. | 15 | 6 | 6 | 3 | .. | 4 | 2 | .. | 2 | .. | 9 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 22 |
| " - | Maindee National School - | 22 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| „ | Pillgwenlly Wesleyan School | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 | .. | .. | .. | .. | .. | .. | .. | .. |
| Newton-le-Willows | St. Peter's School | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Newton Heath | British School, Droylsden Road. | 26 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 10 | .. | .. | .. | .. | .. | 24 | .. | .. | .. | .. | .. | .. | .. | 26 |
| Northampton | School of Science, Corn Exchange. | 133 | 25 | 21 | .. | .. | 41 | 3 | .. | .. | .. | 60 | 32 | 27 | .. | 5 | .. | 24 | .. | .. | .. | .. | .. | .. | 54 | 70 |
| North Molton | National School | 9 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 9 |
| North Ormesby | Church Institute | 15 | .. | 15 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| North Shields | Free Library | 20 | 4 | 10 | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| „ | Christ Church School, Albion Road. | 30 | .. | .. | .. | .. | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 20 |
| „ | Kettlewell School, George Street. | 28 | 4 | 11 | 9 | .. | 9 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 |
| *North Tawton* | *Board School, Exeter Street* | 8 | .. | .. | .. | .. | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 8 |
| „ | Middle Class School | 50 | .. | .. | .. | .. | 20 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 50 |
| Norwich | Chemists' Assistants' Association. | 30 | .. | .. | .. | .. | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 16 | .. | .. | .. | .. | .. | .. | 14 |
| „ | Boys' Model School | 52 | .. | .. | .. | .. | 18 | .. | .. | .. | .. | 22 | 22 | .. | .. | 8 | .. | 15 | .. | .. | .. | .. | .. | .. | .. | 28 |
| „ | Presbyterian School | 27 | .. | .. | .. | .. | 23 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 16 |
| „ | St. Mark's Boy's School | 20 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 5 | 8 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 14 |
| Nottingham | Congregational Institute | 36 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 31 |
| „ | Lenton National School | 15 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 15 |
| „ | Mechanics' Institution | 175 | 22 | 22 | 6 | .. | 11 | 8 | .. | 16 | 14 | 20 | 20 | 38 | 20 | 24 | .. | 25 | 30 | 10 | .. | 8 | .. | .. | 12 | 28 |
| „ | St. Ann's National School | 29 | .. | .. | .. | .. | 2 | .. | .. | .. | .. | 3 | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 27 |
| „ | St. Saviour's School | 149 | 6 | 28 | .. | .. | 6 | .. | .. | 16 | 12 | 21 | 19 | 18 | .. | .. | .. | 13 | .. | .. | .. | .. | .. | .. | .. | 87 |
| „ | St. Mary's Class Room | 67 | .. | .. | .. | .. | 16 | .. | .. | .. | .. | 10 | 6 | .. | .. | .. | .. | 12 | .. | .. | .. | .. | .. | .. | .. | 30 |
| „ | Wesleyan Day School, Arkwright Street. | 18 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 18 | .. | .. | .. | .. | .. | .. | .. | 18 |
| *Nuneaton* | *Wesleyan School, Abbey Street.* | 8 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 8 | 8 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Oadby* | *Board School* | 15 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 5 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 |
| *Oakworth* | *Mechanics' Institute* | 1 | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Oldbury | National School | 12 | .. | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| „ | *Wesleyan School, Wesley Street.* | 20 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 20 | .. | .. | .. | .. | .. | 20 | .. | .. | .. | .. | .. | .. | .. | .. |
| *Oldham* | *Christ Church School* | 20 | 20 | 15 | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| „ | *Copster Hill, British School* | 16 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 16 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| „ | Mutual Improvement Society | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| „ | Science and Art School | 207 | 157 | 134 | 42 | .. | 74 | 2 | .. | 25 | 18 | 10 | .. | 30 | .. | .. | .. | .. | .. | .. | .. | 21 | .. | .. | 31 | .. |
| „ | Werneth Mechanics' Institute. | 42 | 42 | 34 | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| „ | Westwood Board School | 17 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 | .. | .. | .. | .. | .. | .. | .. | 17 |
| Olney | National School | 15 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 |
| Openshaw | Mechanics' Institute, Pottery Lane. | 45 | 10 | 20 | 15 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

Table showing the Classes, Subjects taught, and Number of Students, in all Science Schools, &c.—*continued.*

| Town. | Where held. | Total No. of Individual Students. | I. | II. | III. | IV. | V. | | | VI. | VII. | VIII. | IX. | X. | XI. | XII. | XIII. | XIV. | XV. | XVI. and XVII. | XVIII. | XIX. | XX. | XXI. | XXII. | XXIII. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Practical, Plane, and Solid Geometry. | Machine construction and Drawing. | Building construction. | Naval Architecture. | Pure Mathematics. Stages. 1, 2, 3. | 4 & 5. | 6 & 7. | Theoretical Mechanics. | Applied Mechanics. | Acoustics, Light, and Heat. | Magnetism and Electricity. | Inorganic Chemistry. | Organic Chemistry. | Geology. | Mineralogy. | Animal Physiology. | Elementary Botany. | General Biology. | Mining. | Metallurgy. | Navigation. | Nautical Astronomy. | Steam. | Physical Geography. |
| Openshaw (Higher) | Congregational School | 17 | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | 17 |
| Oswaldtwistle | Busk School | 6 | : | : | : | : | : | : | : | : | : | : | 6 | : | : | : | : | 6 | : | : | : | : | : | : | : | : |
| " | *Science Sch., 6, Lord Street* | 27 | : | : | : | : | : | : | : | : | : | : | 27 | 26 | : | : | : | : | : | : | : | : | : | : | : | 20 |
| " | Wesleyan School, Chapel Street. | 47 | : | : | : | : | 19 | : | : | : | : | : | 39 | : | : | : | : | : | : | : | : | : | : | : | : | : | : |
| " | National School, Cabin End | 11 | : | : | : | : | 1 | : | : | : | : | 10 | 11 | 14 | : | : | : | : | 10 | : | 8 | : | : | : | : | : | 11 |
| Oswestry | Institute, Public Hall | 22 | : | : | : | : | 5 | : | : | : | : | 20 | : | : | : | : | : | : | : | : | : | : | : | : | : | : | 25 |
| Oundle | British School | 30 | : | : | : | : | : | : | : | : | : | 20 | 25 | 10 | : | : | : | : | : | : | : | : | : | : | : | : | 25 |
| Oxford | Wesleyan School | 95 | : | : | : | : | : | : | : | : | : | 9 | : | 10 | : | : | 11 | : | 11 | : | : | : | : | : | : | : | 23 |
| " | University Museum | 23 | : | : | : | : | 9 | : | : | 6 | : | : | : | : | : | : | : | : | 12 | : | : | : | : | : | : | : | 9 |
| Padiham | Wesleyan School | 22 | : | : | : | : | : | : | : | : | : | : | 7 | 13 | 9 | 10 | : | : | 9 | : | : | : | : | : | : | : | : |
| " | *Cross Bank, Wesleyan School* | 9 | : | : | : | : | : | : | : | : | : | : | : | : | 12 | : | : | : | : | : | : | : | : | : | : | : | 19 |
| " | *Unitarian School* | 25 | : | : | : | : | : | : | : | : | : | : | : | : | 10 | : | : | : | 10 | : | : | : | : | : | : | : | 15 |
| *Padiham* | *Board School* | 28 | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : |
| *Parkgate* | *Wentworth National School* | 15 | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | 6 |
| Patricroft | Mechanics' Institute | 28 | 12 | 28 | : | : | : | : | : | : | : | : | 6 | 8 | : | : | : | : | : | : | : | : | : | : | : | : | : |
| Pavenham | Church of England School | 10 | : | : | : | : | 10 | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : |
| Pembroke Dock | Board School, Meyrick Street | 12 | : | : | : | 11 | 23 | : | : | : | : | : | : | : | : | : | : | : | 8 | 9 | : | : | : | : | : | : | : |
| " | *Mechanics' Institute* | 23 | : | : | : | : | 23 | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | 29 |
| " | National School | 35 | : | : | : | : | : | : | : | 7 | 7 | : | : | 8 | : | : | : | : | : | : | : | 5 | : | : | : | : | : |
| " | National School | 15 | : | : | : | : | : | : | : | : | : | : | 16 | : | : | : | : | : | : | : | : | : | : | : | : | : | : |
| Pendeen | *Alexandra Girls' School* | 16 | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : |
| *Penge* | *Boys' School* | 10 | : | : | : | : | : | : | : | : | : | 19 | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : |
| " | Wesleyan Day School | 19 | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | 8 | : | : | : | : | : | : | : | : |
| Penketh | Boys' National School | 8 | : | : | : | : | : | : | : | : | : | : | : | 8 | : | : | : | : | 9 | : | : | : | : | : | : | : | : |
| Penrith | Wesleyan School, Meeting House Lane. | 12 | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : |
| " | New Street School | 17 | : | : | : | : | : | : | : | : | : | 15 | : | : | : | : | : | : | 5 | : | : | : | : | : | : | : | : |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ,, - | *Wesleyan School* - | 5 | .. | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Penzance - | Boys' National School, Regent's Place. | 70 | .. | .. | .. | .. | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 8 | .. | .. | .. | .. | .. | .. | 50 |
| ,, - | Royal Cornwall Geological Museum. | 20 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 16 | .. | 11 | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ,, - | School of Science and Act - | 20 | 7 | 11 | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Pershore - | National School - | 8 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 8 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Peterborough - | Boys' British School - | 30 | .. | .. | .. | .. | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 20 | .. | .. | .. | .. | .. | .. | .. | 20 |
| ,, - | *Great Northern Railway School, New England.* | 15 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 15 | .. | .. | .. | .. | .. | .. | .. | 15 |
| ,, - | St. Peter's College - | 50 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 50 | 50 | .. | .. | .. | .. | 50 | 50 | .. | .. | .. | .. | .. | .. | .. |
| ,, - | Town Hall - | 65 | .. | 16 | 12 | .. | .. | .. | .. | .. | 9 | 14 | 15 | .. | .. | .. | .. | 10 | .. | .. | .. | .. | .. | .. | .. | 18 |
| Pill - | Benevolent School - | 14 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 14 |
| Pinner - | Commercial Traveller's School, Hatch End. | 35 | .. | .. | .. | 35 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 35 | .. | .. | .. | .. | .. | .. | .. | 20 |
| Plumstead - | Board Sch., Church Terrace. | 27 | .. | 15 | .. | .. | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ,, - | Board School, Burrage Grove. | 20 | .. | .. | .. | .. | 20 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ,, - | Wesleyan School - | 15 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 15 |
| *Plymouth* - | *Batter Street School* - | 8 | .. | .. | 8 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ,, - | Charles National School, Shaftesbury Cottages. | 23 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 18 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 23 |
| ,, - | *Collegiate School, North Road.* | 20 | .. | .. | .. | .. | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ,, - | Courteney Street, Science and Art Classes. | 40 | 2 | 6 | .. | .. | 15 | .. | .. | .. | .. | 12 | 12 | 40 | 30 | 12 | .. | 1 | 1 | .. | .. | .. | .. | .. | .. | .. |
| ,, - | George Street Schools - | 56 | .. | .. | .. | .. | 48 | .. | .. | .. | .. | 50 | 16 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 50 | .. | .. | 3 |
| ,, - | *Grammar School, Park Street.* | 50 | .. | .. | .. | .. | 20 | .. | .. | .. | .. | .. | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 50 |
| ,, - | *Hele and Lanyons School* - | 18 | .. | .. | .. | .. | 18 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 18 |
| ,, - | Holy Trinity Boys' School - | 8 | .. | .. | .. | .. | 6 | .. | .. | .. | .. | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 5 | .. | .. | .. |
| ,, - | *Hooe National School* - | 11 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 3 | .. | .. | 3 |
| ,, - | Navigation School - | 11 | .. | .. | .. | .. | 8 | .. | .. | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2 | 2 | .. | .. |
| ,, - | *Princess Street School* - | 22 | .. | 14 | .. | .. | .. | .. | .. | .. | .. | 21 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ,, - | Public Free School - | 33 | 12 | 12 | 12 | .. | 30 | .. | .. | .. | .. | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 30 |
| ,, - | St. Andrew's School, Princess Street. | 45 | 2 | 6 | 4 | .. | 7 | .. | .. | .. | .. | 9 | 28 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 22 |
| ,, - | Science and Art Colleges, Station Road and Scholastic Institute, Buckland Terrace. | 150 | 2 | 18 | 8 | 2 | 62 | .. | .. | 50 | 24 | 85 | 90 | 70 | .. | 85 | .. | .. | .. | .. | .. | 20 | 12 | 12 | 24 | 88 |
| ,, - | *Working Men's Club* - | 19 | 12 | .. | 14 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Pontardulais - | Tin Plate Works - | 15 | .. | .. | .. | .. | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 15 |
| ,, - | National School - | 8 | .. | .. | .. | .. | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 8 |
| *Pontypridd* - | *Colliery School, Llwynypia* | 12 | .. | .. | .. | .. | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

Table showing the Classes, Subjects taught, and Number of Students, in all Science Schools, &c.—*continued.*

| Town. | Where held. | Total No. of Individual Students. | I. Practical, Plane, and Solid Geometry. | II. Machine Construction and Drawing. | III. Building Construction. | IV. Naval Architecture. | V. Pure Mathematics. Stages 1, 2, 3. | V. Pure Mathematics. Stages 4 & 5. | V. Pure Mathematics. Stages 6 & 7. | VI. Theoretical Mechanics. | VII. Applied Mechanics. | VIII. Acoustics, Light, and Heat. | IX. Magnetism and Electricity. | X. Inorganic Chemistry. | XI. Organic Chemistry. | XII. Geology. | XIII. Mineralogy. | XIV. Animal Physiology. | XV. Elementary Botany. | XVI. and XVII. General Biology. | XVIII. Mining. | XIX. Metallurgy. | XX. Navigation. | XXI. Nautical Astronomy. | XXII. Steam. | XXIII. Physical Geography. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *Pontypridd* - | *Graig Board School* - | 32 | .. | .. | .. | .. | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | 22 |
| *Preston* - | *St. Ignatius' School, Upper Walker Street.* | 26 | .. | 4 | 6 | .. | 8 | .. | .. | .. | .. | .. | 5 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 5 |
| „ - | Avenham Institute, School of Art. | 63 | 1 | 3 | 5 | .. | .. | .. | .. | 1 | .. | 8 | 22 | 40 | .. | .. | .. | 11 | .. | .. | .. | .. | .. | .. | .. | 43 |
| „ - | Congregational School, Lancaster Road. | 92 | .. | .. | .. | .. | 38 | .. | .. | .. | .. | 65 | 64 | 41 | .. | .. | .. | 19 | .. | .. | .. | .. | .. | .. | .. | 23 |
| „ - | St. Paul's National School - | 103 | 21 | 20 | 2 | .. | 40 | .. | .. | 10 | 6 | 60 | 60 | 42 | .. | .. | .. | 10 | .. | .. | .. | .. | .. | .. | 10 | 8 |
| „ - | United Methodist Free School, Moor Lane. | 41 | .. | 8 | .. | .. | 41 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Pudsey - | Mechanics' Institute - | 24 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 10 | .. | .. | .. | 10 | .. | .. | .. | .. | .. | .. | .. | 18 |
| Queensbury | National School - | 24 | .. | 9 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 16 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Ramsbottom* - | *Co-operative Hall, Bolton Street.* | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 | 30 | .. | .. | .. | 10 | .. | .. | .. | .. | .. | .. | .. | .. |
| „ - | St. Paul's School, Crow Lane | 61 | 12 | 12 | 10 | .. | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| „ - | Stubbins, Congregational School. | 11 | .. | .. | .. | .. | 11 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Raunds* - | *National School* - | 14 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 14 | .. | .. | .. | .. | 14 | .. | .. | .. | .. | .. | .. | .. | .. | 14 |
| „ - | Wesleyan Day School - | 24 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 21 | .. | .. | .. | 7 | 12 | .. | .. | .. | .. | .. | .. | .. | 12 |
| Rawtenstall - | British School - | 14 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 9 | .. | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| „ - | Industrial Co-operative Society, Bank Street. | 23 | 23 | 23 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| „ - | Wesleyan School, Bank Street. | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 6 | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. |
| Reading - | School of Art - | 20 | 19 | 6 | 13 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| „ - | St. Lawrence School, Vastern Street. | 56 | .. | .. | .. | .. | 12 | .. | .. | .. | .. | .. | .. | 15 | .. | .. | .. | .. | 9 | 16 | .. | .. | .. | .. | .. | 10 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Redditch - | National School - - | 32 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 27 | 16 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| " - | Wesleyan School, Ipsley Street. | 18 | .. | .. | .. | .. | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 14 | .. | .. | .. | .. | .. | .. | .. |
| Redruth - | Board School - - | 38 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 33 | .. | .. | 32 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| " - | Public Board School, East End. | 22 | .. | .. | .. | .. | 18 | .. | .. | 18 | .. | 22 | .. | .. | .. | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Renishaw* - | *Board School* - - | 20 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 20 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 20 |
| *Retford* - | *Wesleyan School* - - | 18 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 18 | .. | .. | .. | .. | .. | 18 | .. | .. | .. | .. | .. | .. | .. | .. |
| Riddings - | Mutual Improvement Association. | 36 | .. | 26 | 14 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Ridgeway - | Board School - - - | 11 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 11 |
| Ripley - - | Outram Street School - | 35 | .. | .. | .. | .. | 19 | .. | .. | .. | .. | .. | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 18 |
| *Ripon* - - | *Holy Trinity School* - | 15 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 15 |
| Ripponden - | National School - - | 19 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 11 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 19 |
| " - | *Wesleyan School* - - | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 | .. | .. | .. | .. | .. | .. | .. | .. |
| Rochdale - | Assembly Rooms, Toad Lane. | 45 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 16 | 20 | .. | .. | .. | 16 | .. | .. | .. | .. | .. | .. | .. | 26 |
| " - | Board School - - | 61 | 24 | 16 | 17 | .. | .. | .. | .. | 3 | .. | 23 | 12 | 17 | 17 | .. | .. | 9 | .. | .. | .. | .. | .. | .. | .. | .. |
| " - | Equitable Pioneers' Rooms, Manchester Road. | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 | .. | .. | .. | 12 | .. | .. | .. | .. | .. | .. | .. | .. |
| " | Equitable Pioneer's Rooms, Oldham Road. | 45 | 14 | 30 | 12 | .. | .. | .. | .. | .. | .. | 40 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 14 | .. |
| " - | Parish Church Schools - | 21 | .. | .. | .. | .. | 8 | .. | .. | .. | .. | 20 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| " - | Wesleyan School - - | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 10 |
| *Roche* - - | *Board School* - - | 12 | .. | .. | .. | .. | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 | .. | .. | .. | .. | .. | .. | .. | 12 |
| Rochester - | Aveling and Porter's Lecture Room. | 14 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 | .. | .. | .. | .. | 10 | .. | .. | .. | .. | .. | .. | .. | .. |
| " - | Board School, King Street - | 20 | 8 | 2 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2 | 10 | .. | .. | .. | .. | .. | .. | 10 |
| Ross - - | Board Schools - - | 20 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 11 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 10 |
| *Rotherham* - | *British School* - - | 24 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 24 | 24 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 18 | .. |
| " - | Literary and Mechanics' Institute, School of Art - | 18 | 6 | 6 | 6 | .. | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| " - | Wesleyan Day School - | 70 | .. | .. | .. | .. | 35 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 38 |
| *Rugby* - - | *Lawrence Sheriff Street School.* | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 |
| " - - | St. Matthew's School - | 11 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 11 |
| *Rushbury* - | *National School* - - | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 10 | .. | .. | .. | .. | .. | .. | .. | 10 |
| St. Agnes - | Institute - - - | 9 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 9 | .. | .. | 9 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| St. Alban's - | Town Hall, School of Art - | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *St. Austell* - | *Board School, Western Hill.* | 13 | .. | .. | .. | .. | 10 | .. | .. | .. | .. | .. | 11 | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 10 |
| *St. Bees* - - | *Board School, Main Street.* | 18 | .. | .. | .. | .. | .. | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 |
| *St. Columb* - | *Central Board School* - | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 6 | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 8 |
| St. David's - | Board School - - | 7 | .. | .. | .. | .. | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

Table showing the Classes, Subjects taught, and Number of Students, in all Science Schools, &c.—*continued.*

| Town. | Where held. | Total No. of Individual Students. | I. Practical, Plane, and Solid Geometry. | II. Machine Construction and Drawing. | III. Building Construction. | IV. Naval Architecture. | V. Pure Mathematics. Stages 1, 2, 3 | V. Pure Mathematics. Stages 4 & 5. | V. Pure Mathematics. Stages 6 & 7. | VI. Theoretical Mechanics. | VII. Applied Mechanics. | VIII. Acoustics, Light, and Heat. | IX. Magnetism and Electricity. | X. Inorganic Chemistry. | XI. Organic Chemistry. | XII. Geology. | XIII. Mineralogy. | XIV. Animal Physiology. | XV. Elementary Botany. | XVI. and XVII. General Biology. | XVIII. Mining. | XIX. Metallurgy. | XX. Navigation. | XXI. Nautical Astronomy. | XXII. Steam. | XXIII. Physical (Geography). |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| St. Day | Miner's Association | 10 | | | | | | | | | | | | | | | | | | | | | | | | 8 |
| " | Temperance Hall | 8 | | | | | | | | | | | | | | | | | | | | | | | | |
| St. Helen's | Commercial School | 35 | | 20 | | | | | | | | | | | | | | | | | | | | | | |
| " | Holy Trinity School | 20 | 20 | | | | | | | | | | | | | | | | | | | | | | | 20 |
| " | *Home Mission Hall* | 20 | | | | | | | | | | | | | | | | | | | | | | | | |
| " | *Lowe House Boys' School* | 30 | | | | | | | | | | | | | | | | | | | | | | | | |
| *St. Ives (Cornwall).* | *St. Andrew's National School* | 10 | | | | | | | | | | | | | | | | | | | | | | | | |
| *St. Ives (Hunts)* | *Boys' National School* | 11 | | | | | | | | | | 5 | | | | 12 | | 7 | | | | | | | | 8 |
| " | British School, North Road | 28 | | | | | | 4 | | | 6 | | | | | 6 | | | | | | | | | | 12 |
| St. Just | National School | 8 | | | | | | | | | | | | | | | | | | | | | | | | |
| " | Wesleyan School | 13 | | | | | | 8 | | | | | | | | | | | 2 | | | | | | | 11 |
| *St. Leonards-on-Sea.* | *Board School, London Road* | 16 | 10 | | | | | 9 | | 8 | | | | | | | | | | | | | | | | |
| St. Mary Cray | National School | 12 | | | | | 12 | | | | | | | | | | | | | | | | | | | |
| *St. Mawes* | *Wesleyan School* | 4 | | | | | | 3 | | | | | | | | | | | | | | | | | | 4 |
| *St. Neots* | *Free School* | 20 | | | 20 | | | 15 | | | | | | | | | | | | | | | | | | |
| *Sale* | *Township School* | 15 | | | | | | | | | | | | | | | | 10 | | | | | | | | |
| Salford | Iron Works, Deal Street | 55 | 20 | 55 | | | | | | | | | | | | | | | | | | | | | | |
| " | *Mount Carmel Elementary School.* | 35 | | | | | | | | | | 35 | 35 | | | | | | | | | | | | | |
| " | Richmond Hill Elementary School. | 8 | | | | | | | | | | 8 | | | | | | | | | | | | | | 8 |
| " | *St. John's R. C. Girls' School.* | 25 | | | | | | | | | | 25 | 25 | | | | | | | | | | | | | |
| " | St. Peter's R. C. School | 18 | | | | | | | | | | 18 | 18 | | | | | | | | | | | | | |
| " | Working Men's College | 73 | 65 | 35 | 29 | | | | | | | | | 8 | 6 | | | 14 | | | | | | | | |
| Salisbury | Literary and Scientific Institute. | 47 | | | | | | | | | | 13 | 25 | | | | | | | | | | | | | 18 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ,, - | *Methodist Free Church School.* | 20 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 18 | .. | .. | .. | .. | .. | .. | .. | .. |
| ,, - | St. Martin's School - - | 16 | .. | .. | .. | .. | 4 | .. | .. | .. | .. | 8 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 |
| ,, - | Training College - - | 37 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 37 | .. | .. | .. | .. | .. | .. | .. | 37 |
| Saltaire - - | Club and Institute School of Art. | 43 | 15 | .. | 12 | .. | 6 | .. | .. | .. | .. | .. | 9 | 7 | .. | .. | .. | 23 | .. | .. | .. | .. | .. | .. | .. | .. |
| Saltash - - | Board School - - - | 14 | .. | .. | 14 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Saltley - - | Training College - - | 100 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 100 | .. | .. | .. | .. | 100 | .. | .. | .. | .. | .. | .. | .. | 51 |
| Sawley - - | National School - - | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Scarborough - | Central Board School - | 18 | .. | .. | .. | .. | 8 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 18 |
| ,, - | Mechanics' Institute - | 25 | 5 | .. | .. | .. | 6 | .. | .. | 6 | .. | .. | .. | .. | .. | .. | .. | 12 | .. | .. | .. | .. | 4 | 3 | .. | 15 |
| ,, - | National School, Castle Road. | 15 | .. | .. | .. | .. | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 10 |
| *Scissett* - - | *National School* - - | 24 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 24 |
| Seacombe - | Wesleyan School - - | 20 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 11 | 18 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Seacroft - - | National School - - | 24 | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 24 | 24 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Seaham Harbour | Girls' National School - | 5 | 2 | 1 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Seaton* - - | *Sir W. C. Trevelyan's School.* | 15 | .. | .. | .. | .. | 15 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Sedgley - - | All Saints' School - - | 7 | .. | .. | .. | .. | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Selby - - | Wesleyan Day School, James Street. | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 5 |
| ,, - - | Sch. of Art and Mech. Inst. | 11 | 8 | 5 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Shaldon - - | Teign Bridge School - | 25 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 15 | .. | .. | .. | .. | 17 | .. | .. | .. | .. | .. | .. | .. | 20 |
| Sheerness - | British School - - | 17 | 17 | 14 | .. | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Sheffield - | Board School, Carbrook - | 38 | .. | 7 | .. | .. | 18 | .. | .. | .. | .. | .. | 17 | 14 | .. | .. | .. | 10 | .. | .. | .. | .. | .. | .. | 10 | 17 |
| ,, - | *Board School, Darnall Road* | 16 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 16 |
| ,, - | *Board School, Grimsthorpe* | 15 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 15 |
| ,, - | *Board School, Pye Bank* - | 14 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 14 |
| ,, - | *Boys' School, Walkley Road* | 20 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 20 |
| ,, - | Attercliffe Board School - | 10 | .. | 9 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ,, - | Christian and Educational Institute. | 27 | .. | .. | .. | .. | 12 | .. | .. | .. | 14 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 13 |
| ,, - | Church of England Educational Institute. | 131 | .. | .. | .. | .. | 29 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 60 | .. | .. | .. | .. | .. | .. | .. | 96 |
| ,, - | *Girls' School, Sutherland Road.* | 17 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 17 |
| ,, - | Mechanics' Institute - | 106 | .. | 13 | .. | .. | 23 | .. | .. | .. | .. | 22 | 31 | 33 | .. | .. | .. | 20 | .. | .. | .. | .. | .. | .. | 16 | 36 |
| ,, - | *Newhall Board School* - | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 4 |
| ,, - | School of Art - - - | 61 | 2 | 55 | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Shelley - - | Mechanics' Institute - | 16 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 16 | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Shepton Mallett | National School - - | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 4 |
| *Sherborne* - | *Abbey National School* - | 19 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 19 |
| ,, - | British Schoolroom - - | 9 | .. | .. | .. | .. | 7 | .. | .. | .. | .. | .. | 6 | .. | .. | .. | .. | 6 | .. | .. | .. | .. | .. | .. | .. | 9 |
| *Shipley* - - | *Apsley House School* - | 16 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 16 | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 10 |
| *Shirley* - - | *National School* - - | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 30 | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 30 |

Table showing the Classes, Subjects taught, and Number of Students, in all Science Schools, &c.—*continued.*

| Town. | Where held. | Total No. of Individual Students. | I. | II. | III. | IV. | V. | | | VI. | VII. | VIII. | IX. | X. | XI. | XII. | XIII. | XIV. | XV. | XVI. and XVII. | XVIII. | XIX. | XX. | XXI. | XXII. | XXIII. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Practical, Plane, and Solid Geometry. | Machine Construction and Drawing. | Building Construction. | Naval Architecture. | Pure Mathematics. Stages 1, 2, 3. | Stages 4 & 5. | Stages 6 & 7. | Theoretical Mechanics. | Applied Mechanics. | Acoustics, Light, and Heat. | Magnetism and Electricity. | Inorganic Chemistry. | Organic Chemistry. | Geology. | Mineralogy. | Animal Physiology. | Elementary Botany. | General Biology. | Mining. | Metallurgy. | Navigation. | Nautical Astronomy. | Steam. | Physical Geography. |
| Shrewsbury - | National School, Abbey Foregate. | 15 | .. | .. | .. | .. | 12 | .. | .. | .. | .. | .. | 15 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 15 |
| " - | School of Science and Art, Vaughan's Mansion. | 14 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 8 | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Silverstone* - | *Wesleyan School* - - | 22 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 22 |
| Skegby - | Stanton Hill School - | 10 | .. | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Skinningrove* - | *Miners' Institute* - | 24 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 10 | .. | .. | .. | 10 | .. | 16 | .. | .. | .. | .. | .. | .. | .. | .. |
| Skipton - - | Mechanics' Institute | 36 | .. | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 18 |
| Slough - - | Mechanics' Institute - | 4 | .. | .. | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Smallbridge - | St. John's National School - | 18 | 11 | 11 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 6 | .. |
| " - | Wardle Wesleyan School - | 9 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 9 | .. | .. | .. | 6 | .. | .. | .. | .. | .. | .. | .. | .. |
| *Smethwick* - | *Old Library Rooms* - | 20 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 20 | .. | .. | .. | .. | .. | .. | .. | .. |
| " - | St. Matthew's Schoolroom - | 13 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 13 | .. | .. | .. | .. | .. | .. | .. | .. |
| " - | Trinity School - - | 20 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 20 | .. | .. | .. | .. | .. | .. | .. | .. |
| *Southampton* - | *All Saints' School* - - | 11 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 11 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 11 |
| " - | Hartley Institute - - | 92 | 10 | 25 | 13 | .. | 28 | .. | .. | 16 | 10 | 14 | 14 | 14 | 4 | 18 | .. | 8 | .. | 3 | .. | .. | .. | .. | 13 | 18 |
| " - | Highfield School - - | 28 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 28 |
| " - | St. Luke's School - - | 20 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 20 |
| " - | Taunton's School - - | 49 | .. | 45 | .. | .. | .. | .. | .. | .. | .. | 30 | 45 | 38 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Southborough* - | *Mechanics' Institute* - | 8 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 8 | .. | .. | .. | .. | 4 | .. | .. | .. | .. | .. | .. | .. | .. |
| Southport - | Christ Church National Sch. | 22 | .. | .. | .. | .. | 12 | .. | .. | .. | .. | 16 | 20 | 9 | .. | .. | .. | 7 | .. | .. | .. | .. | .. | .. | .. | 12 |
| " - | *Grammar School, Sussex Road.* | 12 | .. | .. | .. | .. | 8 | .. | .. | .. | .. | .. | 6 | .. | .. | .. | .. | 6 | .. | .. | .. | .. | .. | .. | .. | 8 |
| South Shields - | Free Library - - - | 44 | 37 | 25 | 12 | .. | .. | .. | .. | 28 | 28 | .. | .. | 11 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 28 | 6 |
| " - | Jarrow Chemical Company's School. | 55 | .. | .. | .. | .. | 55 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 35 | .. | .. | .. | .. | .. | .. | .. | 35 |
| Sowerby Bridge | National School - - | 11 | .. | .. | .. | .. | 11 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Stacksteads* - | *Waterbarn British School* | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 | .. | .. | .. | .. | .. | .. | .. | .. |
| Stalybridge - | Mechanics' Institution - | 80 | 43 | 28 | 20 | .. | 14 | .. | .. | .. | .. | .. | .. | 16 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 7 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Stamford - | Literary and Scientific Institute. | 36 | .. | .. | .. | .. | 20 | .. | .. | .. | .. | .. | .. | 25 | .. | .. | .. | 36 | .. | .. | .. | .. | .. | .. | .. | .. |
| " - | St. Martin's National School | 18 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 13 |
| *Stanhope* - | *Hartwell School* - - | 18 | .. | .. | .. | .. | 8 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 18 |
| Stevenage - | Grammar School - - | 38 | .. | .. | .. | .. | 15 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 38 |
| Stockport - | Church Institute - - | 32 | .. | .. | .. | .. | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 10 | .. | .. | .. | .. | .. | .. | .. | 21 |
| " - | Mechanics' Institution - | 90 | 11 | 12 | 2 | .. | 16 | .. | .. | .. | .. | 50 | 60 | 45 | .. | 35 | .. | 32 | 20 | .. | .. | .. | .. | .. | .. | 56 |
| " - | Orphan School, Cheadle, Hulme. | 78 | .. | .. | .. | .. | 73 | .. | .. | 52 | .. | .. | .. | .. | .. | .. | .. | 78 | .. | .. | .. | .. | .. | .. | .. | 78 |
| " - | Sunday School, Duke Street | 63 | 22 | 18 | .. | .. | 8 | .. | .. | .. | .. | 7 | 8 | 13 | .. | 32 | .. | 29 | 19 | .. | .. | .. | .. | .. | .. | 34 |
| Stoke-on-Trent | Athenæum, Minton Memorial. | 20 | .. | .. | .. | .. | 10 | .. | .. | 4 | .. | 6 | .. | 8 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 8 |
| Stonehouse - | Institute - - - | 36 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 36 | .. | .. | 36 | .. | 22 | .. | .. | .. | .. | .. | .. | .. | .. |
| " - | *Westwood Grove School* - | 16 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 16 | .. | .. | 16 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Stourbridge* - | *Grammar School* - - | 44 | .. | .. | .. | .. | 19 | .. | .. | .. | .. | .. | .. | 44 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 11 |
| Stratford - | *British School, High Street* | 30 | 6 | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 30 |
| " - | Buxton College, Forest Lane | 50 | .. | .. | .. | .. | 35 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 40 | .. | .. | .. | .. | .. | .. | .. | 50 |
| " - | *Girls' National School* - | 15 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 15 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| " - | Great Eastern Railway Mechanics' Institution. | 30 | .. | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| " - | *St. Paul's School* - - | 16 | .. | 16 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Street - - | Working Men's Club - | 19 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 17 | .. | .. | .. | .. | .. | .. | .. | .. |
| Strood - - | Working Men's Club - | 13 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 | .. | .. | .. | .. | 5 | .. | .. | .. | .. | .. | .. | .. | .. |
| *Stroud* - - | *Badbrook Hall* - - | 20 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 20 | 20 | .. | 10 | .. | .. | 10 | .. | .. | .. | .. | .. | .. | .. |
| " - | Bussage House School - | 21 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 19 | 15 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| " - | Stratford Abbey - - | 35 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 30 | .. | .. | 15 | .. | .. | 12 | .. | .. | .. | .. | .. | .. | .. |
| *Sunderland* - | *Bishopwearmouth Baptist School.* | 15 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 15 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| " - | Bishopwearmouth National School, Rectory Park. | 32 | .. | .. | .. | .. | .. | .. | .. | 1 | 6 | 8 | .. | .. | .. | 27 | .. | .. | .. | .. | .. | .. | .. | .. | 8 | 3 |
| " - | Milton House Academy - | 27 | .. | 12 | 15 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| " - | Monk Wearmouth Workmen's Hall. | 31 | 11 | 2 | 7 | .. | .. | .. | .. | .. | .. | .. | 13 | 8 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| " - | Wesleyan School, Nicholson St. | 20 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 20 |
| " - | *Wesleyan School, Trindon Street.* | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 7 |
| " - | School of Art, 21, Fawcett Street. | 15 | 4 | 6 | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Surbiton* - | *Christ Church School* - | 14 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 14 | .. | .. | .. | .. | .. | .. | .. | .. |
| " - | St. Mark's School, St. Andrew's Road. | 15 | .. | 3 | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 4 |
| Sutton (York) - | National School - - | 4 | .. | 3 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Swansea* - | *Oxford Street Chapel School* | 16 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 10 | 2 | .. | 14 |
| " - | Royal Institute - - | 78 | .. | .. | .. | .. | .. | .. | 5 | 7 | 12 | 12 | 18 | 12 | .. | .. | 10 | .. | .. | .. | .. | 12 | .. | .. | 8 | 18 |

**Appendix B.**

**SCIENCE SCHOOLS AND CLASSES. SUBJECTS TAUGHT, &c.**

Table showing the Classes, Subjects taught, and Number of Students, in all Science Schools, &c.—*continued.*

| Town. | Where held. | Total No. of Individual Students. | I. Practical, Plane, and Solid Geometry. | II. Machine construction and Drawing. | III. Building construction. | IV. Naval Architecture. | V. Pure Mathematics. Stages 1, 2, 3. | V. Pure Mathematics. Stages 4 & 5 | V. Pure Mathematics. Stages 6 & 7. | VI. Theoretical Mechanics. | VII. Applied Mechanics. | VIII. Acoustics, Light, and Heat. | IX. Magnetism and Electricity. | X. Inorganic Chemistry. | XI. Organic Chemistry. | XII. Geology. | XIII. Mineralogy. | XIV. Animal Physiology. | XV. Elementary Botany. | XVI. and XVII. General Biology. | XVIII. Mining. | XIX. Metallurgy. | XX. Navigation. | XXI. Nautical Astronomy. | XXII. Steam. | XXIII. Physical Geography. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Swindon - | Great Western Railway School, Bristol Street - | 100 | 10 | 50 | .. | .. | 10 | .. | .. | 20 | 20 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 30 |
| " - | Great Western Railway, Regent Street - | 41 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 41 | .. | .. | .. | .. | .. | .. | .. | .. |
| Sydenham - | Board School - | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 | .. | .. | .. | .. | .. | .. | .. | 12 |
| " - | *Holy Trinity Boys' School* - | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Tonkersley* - | *Stoke School* - | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 20 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 17 |
| Taunton - | Central National School | 20 | .. | 18 | .. | .. | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 14 |
| " - | *Wesleyan Day School* - | 19 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 10 |
| Tavistock - | Board School, Plymouth Road. | 14 | .. | .. | .. | .. | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| " - | Duke of Bedford's School, Gulworthy. | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 15 | .. | .. | .. | 13 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 14 |
| *Tetney* - | *Board School* - | 8 | .. | .. | .. | .. | 8 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 8 |
| Tewkesbury - | National School - | 25 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 25 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 19 |
| Thorne - | Brooke's Grammar School - | 21 | .. | 8 | .. | .. | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 24 |
| *Thorverton* - | *Court Hays School* - | 24 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 6 |
| Tipton - | No. 5, Board School - | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Todmorden* - | *Baptist School* - | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 7 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 6 |
| " - | Patmos School - | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 10 | 9 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| " - | Vale Academy, Patmos Street. | 45 | 19 | 13 | 6 | .. | .. | .. | .. | 19 | .. | .. | .. | 12 | .. | .. | .. | 23 | .. | .. | .. | .. | .. | .. | .. | .. |
| " - | *Woodhouse School* - | 17 | 12 | 9 | 3 | .. | .. | .. | .. | .. | .. | 10 | .. | .. | .. | .. | .. | 7 | .. | .. | .. | .. | .. | .. | .. | 7 |
| Tonbridge - | Mechanics' Institute - | 20 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 8 | .. | .. | .. | .. | .. | .. | .. | 6 |
| Tunbridge Wells | Belgrave Mechanics' Institute. | 59 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 51 | .. | .. | .. | .. | 18 | .. | .. | .. | .. | .. | .. | .. | .. |
| *Tooting* - | *Boys' School* - | 10 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 10 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Torquay | - | School of Science and Art, and *Castle College.* | 84 | .. | .. | .. | .. | 12 | .. | .. | 12 | .. | 37 | 59 | .. | .. | 23 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 38 |
| Totnes | - | Gate House School - | 15 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 17 | .. | .. | 18 | 18 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 15 |
| Truro | - | British School) - | 52 | .. | .. | .. | .. | 12 | .. | .. | .. | 10 | .. | .. | .. | .. | 18 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 38 |
| ,, | - | Cornwall Central School | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 5 | .. | 15 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 7 |
| ,, | - | *Grammar School* - | 15 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ,, | - | *Royal Institution of Cornwall.* | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Twdhoe* | - | School of Art - | 9 | .. | 2 | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ,, | - | *Spennymoor Presbyterian School.* | 6 | .. | .. | .. | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Uphill* | - | *Church of England School* - | 8 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 8 |
| Uffculme | - | Grammar School - | 83 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 68 | .. | .. | 54 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ,, | - | New Day School - | 50 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 26 | 24 | 14 | .. | .. | 24 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 24 |
| Victoria Docks | - | Nelson Street - | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Wakefield | - | Laboratory, Wood Street - | 50 | 4 | .. | .. | 6 | .. | .. | .. | .. | .. | .. | .. | 50 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ,, | - | School of Art - | 6 | 4 | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ,, | - | Smyth Street Acad. Schools | 50 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 50 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Wakefield | - | Trinity Church Young Men's Society. | 15 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 6 | 15 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Walmer | - | National School - | 24 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 24 | .. | .. | .. | .. | .. |
| Walsall | - | Athenæum Buildings, School of Art. | 12 | 4 | 6 | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ,, | - | *Grammar School, Lichfield Street.* | 26 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 26 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Walsden | - | Science and Art Institute - | 100 | .. | .. | .. | .. | 19 | .. | .. | 5 | .. | 14 | 21 | 20 | .. | 26 | 15 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 8 | 30 |
| Walthamstow | - | Working Men's Club - | 14 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 8 | 14 | .. | .. | .. | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 15 |
| *Walton-le-Dale* | | Boys' National School - | 20 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Walton-on-the-Naze.* | | *Crescent Hall* - | 22 | .. | .. | 22 | .. | .. | .. | .. | .. | .. | .. | 28 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Wanstead* | - | *Boys' National School* - | 38 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 38 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ,, | - | Infant Orphan Asylum - | 40 | .. | .. | .. | .. | 40 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Warrington | - | People's College - | 34 | .. | .. | .. | .. | .. | .. | .. | 17 | .. | 25 | 26 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Warwick | - | Museum School - | 94 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 84 | .. | .. | .. | .. | 50 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 84 |
| *Waterfoot* | - | *St. James' National School* | 21 | 14 | .. | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ,, | - | British School - | 20 | .. | .. | .. | .. | 6 | .. | .. | .. | .. | .. | 18 | 20 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 3 |
| Watford | - | Public Library, School of Art. | 55 | 5 | 5 | 10 | .. | 15 | .. | .. | .. | .. | 15 | 15 | .. | .. | .. | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 9 |
| ,, | - | London Orphan Asylum - | 67 | .. | .. | .. | .. | 67 | .. | .. | .. | .. | .. | 67 | .. | .. | .. | 15 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 67 |
| *Wednesbury* | | *Board School, Russell Street* | 15 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 15 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ,, | - | Old Park School - | 21 | .. | .. | .. | .. | 13 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 21 |
| Wellingborough | | Freeman's School - | 49 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 19 | 20 | .. | .. | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 16 |
| ,, | - | Lower Grammar School | 11 | .. | .. | .. | .. | 11 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

Table showing the Classes, Subjects taught, and Number of Students, in all Science Schools, &c.—*continued.*

| Town. | Where held. | Total No. of Individual Students. | I. Practical, Plane, and Solid Geometry. | II. Machine Construction and Drawing. | III. Building Construction. | IV. Naval Architecture. | V. Pure Mathematics. Stages. 1, 2 3. | V. Pure Mathematics. Stages. 4 & 5. | V. Pure Mathematics. Stages. 6 & 7. | VI. Theoretical Mechanics. | VII. Applied Mechanics. | VIII. Acoustics, Light, and Heat. | IX. Magnetism and Electricity. | X. Inorganic Chemistry. | XI. Organic Chemistry. | XII. Geology. | XIII. Mineralogy. | XIV. Animal Physiology. | XV. Elementary Botany. | XVI. and XVII. General Biology. | XVIII. Mining. | XIX. Metallurgy. | XX. Navigation. | XXI. Nautical Astronomy. | XXII. Steam. | XXIII. Physical Geography. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Werrington - | National School - | 8 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| West Bromwich | Christ Church School | 41 | .. | 9 | .. | .. | 15 | .. | .. | .. | .. | .. | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 28 |
| *Westbury-on-Severn.* | *National School* - | 8 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 8 |
| *Weston-super-Mare.* - | *British School* - | 13 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 13 | .. | .. | .. | .. | .. | .. | .. | .. |
| ,, - | *National School* - | 24 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 24 |
| ,, - | School of Art (A. N. C.) | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Weymouth - | Middle School - | 24 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 8 | 12 | .. | .. | 16 | .. | .. | 8 | .. | .. | .. | .. | .. | .. |
| ,, - | The Barracks - | 9 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 9 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 |
| ,, - | Working Men's Club | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 10 |
| Whaley bridge - | Horwich Bank Educational Institution. | 24 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 6 | .. | .. | .. | .. | .. | .. | .. | .. | 22 |
| Whetstone - | Band of Hope Hall - | 9 | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 9 |
| ,, - | National School - | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 8 | .. | .. | .. | .. | .. | .. | .. | .. |
| *Whickham* - | *Parish School* - | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 | .. | .. | .. | .. | .. | .. | .. | 12 |
| Whitehaven - | St. Nicholas' Boys' - | 36 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 24 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 10 |
| *Whittle-le-Woods* - | *National School* - | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 6 | .. | .. | .. | .. | 16 | .. | .. | .. | .. | .. | .. | .. | .. |
| Whitworth - | Literary Institution - | 30 | 14 | 10 | 4 | .. | .. | .. | .. | .. | .. | 14 | 10 | 6 | 15 | 15 | .. | 10 | .. | .. | .. | .. | .. | .. | .. | .. |
| Widnes - | Science Class - | 54 | .. | 20 | .. | .. | 23 | .. | .. | 10 | .. | 12 | .. | 25 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Wigan - | New Jerusalem Schools, Warrington Lane. | 12 | .. | .. | .. | .. | 6 | .. | .. | .. | .. | .. | .. | 10 | .. | .. | .. | 5 | .. | .. | .. | .. | .. | .. | .. | .. |
| ,, - | St. Paul's School - | 35 | 35 | 35 | .. | .. | .. | .. | .. | 35 | 35 | .. | 1 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 35 |
| ,, - | Mining School - | 155 | 21 | 50 | 22 | .. | .. | .. | .. | 70 | 70 | 2 | 2 | 26 | .. | .. | .. | .. | .. | .. | 68 | .. | .. | .. | 35 | 56 |
| ,, - | *Wesleyan School, Dicconson Street.* | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 |
| Wigston (Great) | National School - | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 6 | 9 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Willenhall - | Literary Institute - | 23 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 14 | 9 | .. | .. | 8 | .. | .. | .. | .. | .. | .. | .. | .. | 9 |
| Willesden - | Wesleyan School - | 14 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 14 | 14 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 14 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Wilsden | Mechanics' Institute | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 11 | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Wimbledon | Spencer Hill School | 13 | 13 | .. | 13 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Winchester | Training College | 56 | .. | .. | .. | .. | 56 | .. | .. | .. | .. | .. | 56 | .. | .. | .. | .. | 56 | .. | .. | .. | .. | .. | .. | .. | .. |
| *Winsford* | *Academy* | 22 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 22 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 22 |
| " | *Darnhall Endowed Grammar School.* | 8 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 8 |
| Wisbeach | Working Men's Institute | 12 | .. | .. | .. | .. | 8 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 8 | .. | .. | .. | .. | .. | .. | .. | .. |
| Witney | Wesleyan Mental Improvement Society. | 3 | .. | .. | .. | .. | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Wolstanton | National School | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 7 | 7 | .. | .. | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 7 |
| Wolverhampton | Bushbury National School | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 6 |
| " | Free Library, Garrick Street | 132 | .. | .. | .. | .. | 23 | .. | .. | .. | .. | 10 | 20 | 26 | .. | 11 | .. | 23 | .. | .. | .. | .. | .. | .. | .. | 35 |
| " | School of Art | 25 | .. | 25 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| " | *St. Mark's Boys' School* | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| " | St. Peter's School | 50 | .. | .. | .. | .. | 30 | .. | .. | 12 | .. | .. | 41 | 19 | .. | .. | .. | 36 | .. | .. | .. | .. | .. | .. | .. | 48 |
| Wolverton | Science and Art Institution | 96 | 45 | 52 | 5 | .. | 25 | .. | .. | 24 | 24 | 62 | 62 | 17 | .. | .. | .. | 23 | .. | .. | .. | .. | .. | .. | 12 | .. |
| Woodlesford | Church School | 8 | .. | .. | 8 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Woolwich | Albion House Schoolroom, Bowling Green Lane. | 25 | .. | .. | .. | .. | 10 | .. | .. | .. | .. | 20 | 20 | 25 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 20 |
| " | Presbyterian School | 226 | 48 | 73 | 3 | .. | .. | .. | .. | .. | .. | 112 | 125 | .. | .. | 84 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 75 |
| " | *Collegiate Sch., Rectory Pl.* | 25 | 25 | 25 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Woolwich* | *Ladies' College School, The Mount.* | 20 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 20 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| " | Royal Arsenal Mechanics' Institute. | 201 | 100 | 80 | 20 | .. | 30 | .. | .. | .. | 40 | 10 | 20 | 20 | .. | .. | .. | 20 | .. | .. | .. | 8 | .. | .. | 40 | .. |
| " | *St. John's National School* | 50 | 36 | 48 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Worcester | Free Grammar School, The Tything. | 56 | .. | .. | .. | .. | 31 | 8 | .. | .. | .. | .. | .. | 35 | .. | 56 | .. | 44 | .. | .. | .. | .. | .. | .. | .. | .. |
| " | Mr. Brewer's School, Edgar Street. | 32 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 32 | .. | .. | .. | .. | .. | 32 | .. | .. | .. | .. | .. | .. | .. | 32 |
| " | St. John's Boys' School | 13 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 6 | .. | 7 | .. | .. | .. | .. | .. | .. | .. | .. |
| " | St. Martin's National School | 10 | .. | .. | .. | .. | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| " | St. Stephen's School, Barborne. | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 8 | 20 | .. | .. | 5 | .. | 5 | .. | .. | .. | .. | .. | .. | .. | 14 |
| " | Upper and Middle Class School. | 70 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 70 | 70 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 70 |
| Worsthorne | National School | 17 | .. | .. | .. | .. | 4 | .. | .. | .. | .. | .. | .. | 16 | .. | .. | .. | 12 | .. | .. | .. | .. | .. | .. | .. | 14 |
| Wortley | Zion Sunday School | 33 | 23 | 21 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Yarmouth, Great | School of Art and Navigation | 46 | 5 | 5 | 14 | .. | 13 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 8 | 4 | .. | 7 |
| " | Grammar School | 17 | .. | .. | .. | .. | 17 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Yeadon | British School | 24 | .. | .. | .. | .. | 20 | .. | .. | 10 | .. | .. | .. | .. | 6 | .. | .. | .. | 8 | .. | .. | .. | .. | .. | .. | .. |
| Yeovil | Mutual Improvement Society | 34 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 34 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| York | Blue Coat School | 32 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 9 | .. | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| " | *British School* | 14 | .. | .. | .. | .. | 14 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| " | Grove Wesleyan Day School | 14 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 14 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

Appendix B.

SCIENCE SCHOOLS AND CLASSES. SUBJECTS TAUGHT, &c.

Table showing the Classes, Subjects taught, and Number of Students, in all Science Schools, &c.—*continued.*

| Town. | Where held. | Total No. of Individual Students. | I. Practical, Plane, and Solid Geometry. | II. Machine Construction and Drawing. | III. Building Construction. | IV. Naval Architecture. | V. Pure Mathematics. Stages 1, 2, 3. | V. Pure Mathematics. Stages 4 & 5. | V. Pure Mathematics. Stages 6 & 7. | VI. Theoretical Mechanics. | VII. Applied Mechanics. | VIII. Acoustics, Light, and Heat. | IX. Magnetism and Electricity. | X. Inorganic Chemistry. | XI. Organic Chemistry. | XII. Geology. | XIII. Mineralogy. | XIV. Animal Physiology. | XV. Elementary Botany. | XVI. and XVII. (General Biology. | XVIII. Mining. | XIX. Metallurgy. | XX. Navigation. | XXI. Nautical Astronomy. | XXII. Steam. | XXIII. Physical Geography. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| York - - | Institute, St. Saviour's Gate | 16 | 7 | .. | 7 | .. | 8 | .. | .. | .. | .. | 12 | .. | .. | .. | .. | .. | 40 | .. | .. | .. | .. | .. | .. | .. | .. | 36 |
| ,, - - | Priory Street Boys' School - | 36 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 10 |
| ,, - - | Priory Street Girls' School - | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 105 |
| ,, - - | *Theatre of Music* - | 105 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 56 |
| ,, - - | Training College, Lord Mayor's Walk. | 56 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | | | | | | | | | | SCOTLAND. | | | | | | | | | | | | | | | | |
| Aberdeen - - | *Boys' and Girls' Hospital* - | 25 | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 24 |
| ,, - - | Free South Church School - | 50 | .. | .. | .. | .. | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 50 |
| ,, - - | *Free Church Training College.* | 76 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 76 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 73 |
| ,, - - | Mechanics' Institute and School of Art. | 204 | .. | 32 | 12 | 3 | 33 | .. | .. | 10 | 22 | .. | .. | 99 | 25 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 22 | .. | .. |
| ,, - - | *Public School, Little Belmont Street.* | 15 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 15 | .. | .. | .. | .. | .. | .. | .. | .. |
| ,, - - | *R. Gordon's Hospital School* | 45 | .. | .. | .. | .. | 24 | .. | .. | .. | .. | .. | .. | 36 | .. | .. | .. | 36 | .. | .. | .. | .. | .. | .. | .. | .. | 36 |
| *Airdrie* - - | St. John's School - | 35 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 35 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Alexandria - - | *Free West Academy* - | 30 | .. | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 15 | .. |
| ,, - - | Mechanics' Institute - | 12 | .. | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 15 | .. |
| *Alford* - - | *Public School, Church Street* | 10 | .. | .. | .. | .. | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 10 |
| Alloa - - | *Gallow Hill Public School* - | 9 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 9 | .. | .. | .. | .. | .. | .. | .. | .. |
| Arbroath - - | Academy, Marshill - | 48 | .. | .. | .. | .. | 8 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 40 |
| Ayr - - | High School - - | 59 | .. | 72 | .. | .. | 48 | .. | .. | .. | .. | .. | .. | 25 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ,, - - | Academy, Green Street. | 49 | .. | 6 | 8 | .. | .. | .. | .. | 10 | .. | .. | 16 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 25 |
| *Banff* - - | *Old Court Room* - | 50 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 50 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *Barrhead* - | *Undenominational School* - | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 30 | .. | .. | .. | 30 | .. | .. | .. | .. | .. | .. | .. | .. |
| Beith - | Academy - | 36 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 30 | 14 | .. | .. | .. | 13 | .. | .. | .. | .. | .. | .. | .. | .. |
| Buckie - | Public School - | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 |
| Burghead - | Public School - | 14 | .. | .. | .. | .. | 14 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Burntisland - | Broomhill School - | 7 | .. | .. | .. | .. | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Campbeltown* | *Dalintober Boys' School* - | 36 | .. | .. | .. | .. | 36 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ,, - | Grammar School, St. John Street. | 45½ | .. | .. | .. | .. | 30 | .. | .. | .. | .. | .. | 25 | .. | .. | 30 | .. | .. | .. | .. | .. | .. | .. | .. | 40 | .. |
| *Carnwath* - | *Public School, Libberton* - | 20 | 12 | .. | .. | .. | 15 | .. | .. | .. | .. | .. | 20 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 20 |
| Crieff - | Morrison's Academy - | 50 | .. | .. | .. | .. | 28 | .. | .. | .. | .. | 45 | 40 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 50 |
| Cullen - | Public School - | 11 | .. | .. | .. | .. | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 8 |
| Darvel - | Brown's Institute - | 43 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 19 | .. | .. | .. | .. | 25 | .. | .. | .. | .. | .. | .. | .. | .. |
| Dollar - | Institute and School of Art | 143 | .. | .. | 4 | .. | 19 | .. | .. | 2 | .. | 5 | 33 | 26 | .. | .. | .. | 10 | .. | .. | .. | .. | .. | .. | .. | 138 |
| Duffus - | School - | 9 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 9 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 9 |
| Dumbarton - | Burgh Academy - | 120 | .. | 18 | 9 | 9 | 50 | .. | .. | 26 | 6 | 68 | 47 | 60 | .. | .. | .. | .. | 20 | .. | .. | .. | .. | .. | 10 | 80 |
| Dumfries - | School of Art, Academy Street. | 13 | .. | 10 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Dundee - | School of Art - | 104 | 14 | 68 | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ,, - | Young Men's Christian Association. | 144 | 10 | 30 | 18 | .. | 46 | .. | .. | 21 | 20 | 10 | 10 | 26 | .. | 10 | .. | 10 | .. | .. | .. | .. | .. | .. | 22 | .. |
| Dunecht - | Echt School, Cullerlie - | 15 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 15 |
| *Dysart* - | *Pathhead Public School* - | 15 | .. | 13 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ,, - | *South Public School* - | 7 | .. | 5 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Edinburgh - | Church of Scotland Training College. | 138 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 98 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 83 |
| ,, - | Free Church Training College. | 272 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 40 | 90 | .. | .. | .. | .. | 30 | .. | 12 | .. | .. | .. | .. | .. | 100 |
| ,, - | Public School, South Grays Close. | 8 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 4 | .. | .. | .. | .. | .. | 8 | .. | .. | .. | .. | .. | .. | .. | 6 |
| ,, - | St. Bernard's Public School | 16 | .. | .. | .. | .. | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 16 |
| ,, - | *St. Andrew's Episcopal School.* | 25 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 14 | 15 | .. | .. | .. | .. | 9 | .. | .. | .. | .. | .. | .. | .. | 25 |
| ,, - | St. James' Episcopal School | 67 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 67 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ,, - | St. Leonard's Public School | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 10 | .. | .. | .. | .. | .. | .. | .. | .. |
| ,, - | Stewart's Institute - | 55 | .. | .. | .. | .. | 55 | .. | .. | .. | .. | 24 | .. | 24 | .. | .. | .. | 24 | .. | .. | .. | .. | .. | .. | .. | 31 |
| ,, - | Watt Institute and School of Art. | 337 | 20 | 10 | 16 | .. | 181 | .. | .. | .. | .. | 124 | .. | .. | .. | .. | .. | 66 | .. | 15 | .. | .. | .. | .. | .. | .. |
| ,, - | *Public School, Pilrig Street* | 6 | .. | .. | .. | .. | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 6 |
| *Elderslie* - | *Wallace Public School* - | 24 | .. | .. | .. | .. | 24 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Fochabers* - | *Milnes Free School* - | 28 | .. | .. | .. | .. | 16 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 28 |
| Fraserburgh - | Mid Street Academy - | 25 | .. | .. | .. | .. | 10 | .. | .. | .. | .. | 3 | 20 | 3 | .. | .. | .. | .. | 3 | .. | .. | .. | .. | .. | .. | 9 |
| ,, - | Parish School, Saltoun Place | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 10 | .. | 10 | .. | .. | .. | .. | .. | .. | .. | 10 |

Table showing the Classes, Subjects taught, and Number of Students, in all Science Schools, &c.—*continued.*

| Town. | Where held. | Total No. of Individual Students. | I. | II. | III. | IV. | V. | | VI. | VII. | VIII. | IX. | X. | XI. | XII. | XIII. | XIV. | XV. | XVI. and XVII. | XVIII. | XIX. | XX. | XXI. | XXII. | XXIII. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Practical, Plane, and Solid Geometry. | Machine Construction and Drawing. | Building construction. | Naval Architecture. | Pure Mathematics. | | Theoretical Mechanics. | Applied Mechanics. | Acoustics, Light, and Heat. | Magnetism and Electricity. | Inorganic Chemistry. | Organic Chemistry. | Geology. | Mineralogy. | Animal Physiology. | Elementary Botany. | General Biology. | Mining. | Metallurgy. | Navigation. | Nautical Astronomy. | Steam. | Physiography. |
| | | | | | | | Stages 1, 2, 3. | Stages 4 & 5. 6 & 7 | | | | | | | | | | | | | | | | | |
| Eyvie - - | Public School - - | 18 | : | : | : | : | 9 | : | : | : | : | 9 | : | : | 18 | : | : | : | : | : | : | : | : | : | 12 |
| Galston - - | Brown's Institute - - | 12 | : | 8 | 4 | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : |
| Gartsherrie - - | Academy - - | 215 | : | 56 | : | : | : | : | 34 | 65 | : | 70 | 30 | : | 36 | : | : | : | : | 52 | : | : | : | 10 | : |
| Glasgow - - | *Anderson's Academy* - | 83 | : | : | : | : | : | : | : | : | 151 | 50 | 83 | : | : | : | 190 | 241 | : | : | : | : | : | : | 46 |
| ,, - - | Anderson's University - | 733 | : | : | : | : | 140 | 30 | : | : | : | : | 200 | : | : | : | : | : | : | : | : | : | : | : | : |
| ,, - - | Anderston Public School - | 68 | : | : | : | : | : | : | : | : | : | 68 | : | : | : | : | : | : | : | : | : | : | : | : | 60 |
| ,, - - | Church of Scotland Practising School - - | 240 | : | : | : | : | 20 | : | : | : | : | 120 | : | : | 120 | : | 120 | 120 | : | : | : | : | : | : | 120 |
| ,, - - | Church of Scotland Training College - - | 320 | : | : | : | : | : | : | : | : | : | 120 | : | : | 60 | : | 180 | : | : | : | : | : | : | : | 60 |
| ,, - - | First Church Normal School | 58 | : | : | : | : | : | : | : | : | : | : | 85 | : | : | : | 22 | 16 | : | : | : | : | : | : | : |
| ,, - - | *High School, 74, John Street* | 406 | : | : | : | : | 221 | 43 | : | : | 75 | : | 167 | : | 57 | : | : | : | : | : | : | : | : | : | : |
| ,, - - | Mechanics' Institute, 38, Bath Street. | 100 | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | 100 | : |
| ,, - - | *Public School, Crookston* | 100 | : | 100 | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : |
| ,, - - | *Public School, Thomson Street.* | 14 | : | : | : | : | : | : | : | : | : | : | 14 | : | : | : | 14 | : | : | : | : | : | : | : | : |
| ,, - - | School of Art and Hallmne Academy. | 90 | 44 | 44 | 46 | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : |
| ,, - - | St. John's Sessional School - | 3 | : | 3 | 3 | : | : | : | : | : | : | : | : | : | : | : | 27 | : | : | : | : | : | : | : | : |
| ,, - - | *Young Men's Society, 37, Glassford Street.* | 72 | : | : | : | : | 62 | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : |
| ,, - - | *Young Men's Christian Association, 11, Great Wellington Street.* | 22 | : | : | : | : | 22 | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : |
| *Gourock* - - | *Public School, John Street* - | 30 | : | : | : | : | : | : | : | : | : | : | : | : | : | : | 30 | : | : | : | : | : | : | : | 30 |
| Govan - - | Eden Villa - - - | 24 | 24 | 24 | 24 | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : |

Appendix B.

SCIENCE SCHOOLS AND CLASSES. SUBJECTS TAUGHT, &c.

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Greenock | The Academy, Kilblain Street. | 170 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 75 | 142 | .. | .. | .. | 54 | .. | .. | .. | .. | .. | .. | .. | .. |
| *Hawick* | *Baptist School* | 25 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 25 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| " | Teviot Grove Academy | 21 | .. | .. | .. | .. | 21 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Hopeman* | *School* | 8 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 8 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 8 |
| *Huntly* | *Gordon Public School* | 35 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 35 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Insch | Public School | 30 | .. | .. | .. | .. | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Inverkeithny | Public School | 18 | .. | .. | .. | .. | 4 | .. | .. | .. | .. | 11 | .. | 19 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 9 |
| Inverness | School of Art | 10 | .. | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Johnstone | Workmen's Institute | 29 | .. | 29 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Keig | Public School | 15 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 15 |
| Keith | Public School | 50 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 35 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 15 |
| *Kilmalcolm* | *Public School* | 22 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 20 | .. | .. | .. | 22 | .. | .. | .. | .. | .. | .. | .. | .. |
| Kilmarnock | Kay's School, Wellington Street. | 30 | .. | 25 | .. | .. | 21 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| " | Prince's Street New Academy. | 28 | 14 | 16 | .. | .. | .. | .. | .. | .. | 12 | 13 | 18 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 11 | .. |
| " | School of Science and Art | 13 | .. | 13 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| " | West Netherton School of Industry. | 16 | 16 | 16 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 13 | .. |
| King Edward | Parochial School | 12 | 12 | 10 | 2 | .. | 12 | .. | .. | 12 | .. | .. | .. | .. | .. | 12 | .. | .. | 12 | .. | .. | .. | .. | .. | .. | .. |
| Kingussie | Schoolroom, High Street | 12 | .. | .. | .. | .. | 5 | .. | .. | .. | .. | .. | 12 | 12 | .. | .. | .. | 12 | .. | .. | .. | .. | .. | .. | .. | 6 |
| *Kilwinning* | *Eglinton Iron Works School* | 15 | .. | .. | .. | .. | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 15 | .. | .. | .. | .. | .. | .. | .. | .. |
| *Kirkcaldy* | *Philp's Institute* | 36 | .. | 34 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Kirkintilloch* | *Burgh School* | 25 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 25 | .. | .. | .. | .. | .. | .. | .. | .. |
| Largs | Brisbane School | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 16 | 20 | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 16 |
| Leith | Navigation School | 124 | .. | .. | .. | .. | 124 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 123 | 123 | .. | .. |
| " | *School of Science*, 106, *Duke Street.* | 60 | .. | 28 | .. | .. | 28 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 42 | .. |
| Leven | Greig Institute | 60 | .. | 40 | 3 | .. | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 35 |
| Lochee | Free School | 31 | 6 | 21 | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Macduff | Public School, Duff Street | 30 | .. | .. | .. | .. | 2 | .. | .. | .. | .. | .. | 27 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 26 |
| Monymusk | Public School | 4 | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 3 |
| Newhills | Stoneywood Schools | 20 | .. | .. | .. | .. | 20 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Newmilns* | *Brown's Institute* | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Paisley* | *Baptist Chapel School, Storie Street.* | 25 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 25 | .. | .. | .. | 25 | .. | .. | .. | .. | .. | .. | .. | .. |
| " | School of Art | 46 | 27 | 12 | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Perth | School of Art | 9 | 2 | 3 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

Table showing the Classes, Subjects taught, and Number of Students, in all Science Schools, &c.—*continued*.

| Town. | Where held. | Total No of Individual Student | I. | II. | III. | IV. | V. | | | VI. | VII. | VIII. | IX. | X. | XI. | XII. | XIII. | XIV. | XV. | XVI. and XVII. | XVIII. | XIX. | XX. | XXI. | XXII. | XXIII. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Pure Mathematics. | | | | | | | | | | | | | | | | | | | |
| | | | | | | | Stages | | | | | | | | | | | | | | | | | | | |
| | | | Practical, Plane, and Solid Geometry. | Machine construction and Drawing. | Building construction. | Naval Architecture. | 1, 2, 3. | 4 & 5. | 6 & 7. | Theoretical Mechanics. | Applied Mechanics. | Acoustics, Light, and Heat. | Magnetism and Electricity. | Inorganic Chemistry. | Organic Chemistry. | Geology. | Mineralogy. | Animal Physiology. | Elementary Botany. | General Biology. | Mining. | Metallurgy. | Navigation. | Nautical Astronomy. | Steam. | Physical Geography. |
| Pollokshaws - | St. John Maxwell School - | 7 | .. | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Port Glasgow - | Public School, Academy Place. | 25 | .. | 19 | .. | .. | 3 | .. | .. | .. | .. | .. | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Rhynie - - | Public School - - - | 20 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 20 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Rothesay - | Academy, and Thompson Institute. | 35 | .. | .. | .. | .. | 8 | .. | .. | .. | .. | 20 | 24 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 25 |
| *Rothiemay* - | *School Buildings, Milltown* | 25 | .. | .. | .. | .. | 3 | .. | .. | .. | .. | .. | .. | 20 | .. | .. | .. | .. | 8 | .. | .. | .. | .. | .. | .. | 8 |
| Saltcoats - | Free Church Academy - | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 |
| Stirling - - | School of Science - - | 9 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 9 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Strathdon - | Parish School - - | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 6 | .. | .. | .. | 8 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Strichen* - | *Public School* - - | 18 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 18 | .. | 18 | .. | .. | .. | .. | .. | .. | .. | .. |
| Tarland - - | Coldstone Public School - | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Templand* - | *Public School* - - | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 10 | .. | .. | .. | .. | .. | .. | .. | .. |
| *Thornhill* - | *Public School* - - | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 30 | .. | .. | .. | 30 | .. | .. | .. | .. | .. | .. | .. | .. |
| Tillicoultry - | Public School - - | 38 | .. | 18 | .. | .. | 20 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 16 |
| Torphins - | Public School - - | 8 | .. | .. | .. | .. | 2 | .. | .. | .. | .. | .. | 5 | 8 | .. | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Towie - - | Public School - - | 12 | .. | .. | .. | .. | 8 | .. | .. | .. | .. | .. | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Wishaw* - - | *Academy, Stewarton Street* | 27 | .. | .. | .. | .. | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 | .. | .. | .. | .. | .. | .. | .. | 15 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | IRELAND. | | | | | | | | | | | | | | | | | | | |
| Antrim - - | High Street National School | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 20 | .. | .. | 18 | .. | 14 | .. | .. | .. | .. | .. | .. | .. | 24 |
| „ - - | Male National School - | 7 | .. | .. | .. | .. | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 7 | .. | .. | .. | .. | .. | .. | .. | .. |
| „ - - | *Tannaghmore National School.* | 18 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 18 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Armagh - | Balleer National School - | 20 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 20 | .. | .. | 18 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| " - | Natural History and Phil. Society. | 24 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 24 | 24 | 20 | 20 | 24 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Aughnacloy* - | *Killishill, Erasmus Smith's School.* | 15 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 15 |
| " - | Showerflood National School | 16 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 16 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Bailieborough - | Model School - | 120 | .. | .. | .. | .. | 40 | .. | .. | .. | .. | 120 | 120 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Ballinamore - | National School | 12 | .. | .. | .. | .. | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 |
| *Ballinderry (Upper).* | *National School* | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 6 |
| Ballymena - | Guy's Free National School | 30 | .. | .. | .. | .. | 30 | .. | .. | .. | .. | .. | .. | 30 | .. | .. | .. | .. | .. | 30 | .. | .. | .. | .. | .. | .. |
| " - | Protestant Hall | 38 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 23 | .. | .. | 25 | .. | 19 | 20 | .. | .. | .. | .. | .. | .. | .. |
| Ballymoney - | Model School - | 47 | .. | .. | .. | .. | 17 | .. | .. | .. | .. | 47 | 47 | .. | .. | 47 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 47 |
| Ballynahinch - | Drumaness Mill School - | 9 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 9 | 9 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Ballyronan* - | *National School* - | 30 | .. | .. | .. | .. | 10 | .. | .. | .. | .. | .. | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| " - | National School, Salter's Land. | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Banagher - | Royal School, Cuba House - | 24 | .. | .. | .. | .. | 17 | .. | .. | 3 | .. | 20 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 22 |
| *Banbridge* - | *National School, Scarva Street.* | 24 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 19 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 23 |
| Belfast - | Albion Street National School. | 18 | .. | .. | .. | .. | 8 | .. | .. | .. | .. | .. | 18 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| " - | Argyle Place, National School. | 35 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 15 | 30 | .. | .. | 15 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 30 |
| " - | *Brown Street, National School.* | 57 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 57 | .. | .. | 57 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| " - | Crumlin Road, News Room | 25 | .. | .. | .. | .. | 6 | .. | .. | .. | .. | .. | 25 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| " - | Currie National School - | 18 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 16 | 16 | .. | .. | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 11 |
| " - | Fisherwick Place National School. | 20 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 16 |
| " - | *Frederick Street, National School.* | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 |
| " - | Linfield Road National School. | 14 | .. | .. | .. | .. | 10 | .. | .. | .. | .. | .. | 14 | .. | .. | 12 | .. | 12 | .. | .. | .. | .. | .. | .. | .. | 10 |
| " - | Model School, Falls Road - | 55 | .. | .. | .. | .. | 30 | .. | .. | .. | .. | 25 | 45 | 20 | .. | .. | .. | .. | 25 | .. | .. | .. | .. | .. | .. | 55 |
| " - | *Mercantile Academy, Gleaavel Street.* | 8 | 8 | 8 | 8 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| " - | Old Lodge Road, National School. | 40 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 40 | 40 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 40 |
| " - | People's Literary Institute | 28 | .. | .. | .. | .. | 6 | .. | .. | .. | .. | 14 | 16 | 15 | 15 | .. | .. | 12 | .. | .. | .. | .. | .. | .. | .. | .. |
| " - | St. George's Lecture Hall - | 83 | .. | .. | .. | .. | 35 | 7 | .. | 15 | .. | 23 | 24 | 32 | 13 | 17 | .. | 12 | 13 | 11 | .. | .. | .. | .. | .. | 18 |
| " - | *Sailor's Institute* - | 12 | .. | 2 | .. | 2 | 8 | .. | .. | .. | .. | 4 | 4 | .. | .. | .. | .. | 5 | .. | .. | .. | .. | 3 | .. | .. | .. |
| " - | School of Art - | 15 | .. | 15 | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| " - | Tennant Street National School. | 14 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 14 |

Table showing the Classes, Subjects taught, and Number of Students, in all Science Schools, &c.—*continued.*

| Town. | Where held. | Total No. of Individual Students. | I. | II. | III. | IV. | V. | | | VI. | VII. | VIII. | IX. | X. | XI. | XII. | XIII. | XIV. | XV. | XVI. and XVII. | XVIII. | XIX. | XX. | XXI. | XXII. | XXIII. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Practical, Plane, and Solid Geometry. | Machine construction and Drawing. | Building construction. | Naval Architecture. | Pure Mathematics. Stages. 1, 2, 3. | 4 & 5. | 6 & 7. | Theoretical Mechanics. | Applied Mechanics. | Acoustics, Light, and Heat. | Magnetism and Electricity. | Inorganic Chemistry. | Organic Chemistry. | Geology. | Mineralogy. | Animal Physiology. | Elementary Botany. | General Biology. | Mining. | Metallurgy. | Navigation. | Nautical Astronomy. | Steam. | Physical Geography. |
| Belfast - - | *Townsend Street, National School.* | 37 | .. | .. | .. | .. | 26 | .. | .. | .. | .. | 20 | 20 | .. | .. | 22 | .. | 21 | .. | .. | .. | .. | .. | .. | .. | .. |
| „ - - | Working Men's Institute - | 160 | .. | .. | .. | .. | 58 | 5 | 5 | 24 | .. | 45 | 71 | 82 | 21 | 15 | .. | 30 | 30 | 4 | .. | .. | .. | .. | .. | 7 |
| Benburb - | *Derryfubble National School.* | 25 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 25 | 25 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 25 |
| „ - | National School - - | 40 | .. | .. | .. | .. | 6 | .. | .. | .. | .. | 40 | 40 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 40 |
| Blackwatertown | National School - - | 28 | .. | .. | .. | .. | .. | .. | .. | 28 | .. | 28 | 28 | .. | .. | .. | .. | 28 | .. | .. | .. | .. | .. | .. | .. | 28 |
| Bray - - | Aravon School - - | 15 | .. | .. | .. | .. | 10 | .. | .. | .. | .. | 10 | 15 | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 |
| Bunbrusna - | Farra School - - | 21 | .. | .. | .. | .. | 19 | .. | .. | 6 | .. | 19 | 19 | .. | .. | 19 | .. | 10 | .. | .. | .. | .. | .. | .. | 15 | 10 |
| Caledon - - | *Dyan Schoolhouse* - - | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 30 |
| „ - - | Infant and Parochial School | 24 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 24 |
| Carrickfergus - | Model School - - | 26 | .. | .. | .. | .. | 8 | .. | .. | .. | .. | 7 | 19 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 3 | .. | .. | 14 |
| *Carrigaline* - | *National School* - - | 16 | .. | .. | .. | .. | 16 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Carrigallen - | Beaghmore National School | 7 | .. | .. | .. | .. | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Castleblayney* - | *Annagallo National School* | 18 | .. | .. | .. | .. | 12 | .. | .. | .. | .. | 18 | 18 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 18 |
| „ - | Oram National School - | 15 | .. | .. | .. | .. | 8 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 15 |
| *Charlestown* - | *Court House* - - | 12 | .. | .. | .. | .. | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Clifden* - - | *National School* - - | 15 | .. | .. | .. | .. | 15 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Clogheen* - | *Male National School* - | 10 | .. | .. | .. | .. | 8 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 10 |
| Clonakilty - | No. 2, National School - | 2 | .. | .. | .. | .. | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Clontibret* - | *National School* - - | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 10 |
| Coagh - - | Aughavey National School - | 4 | .. | .. | .. | .. | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Coalisland - | Infant School - - | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 4 | 4 | .. | .. | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Coleraine - | Model School - - | 18 | .. | .. | .. | .. | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 | .. | .. | .. | .. | .. | .. | 14 | .. |
| *Comber* | *Smith's National School* - | 20 | .. | .. | .. | .. | 16 | .. | .. | .. | .. | .. | .. | .. | .. | 14 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 14 |
| Convoy - - | National School - - | 8 | .. | .. | .. | .. | 5 | .. | .. | .. | .. | 8 | .. | .. | .. | .. | .. | 8 | .. | .. | .. | .. | .. | .. | .. | 8 |
| Cookstown - | Academy, Railway Street - | 13 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 8 | 10 | .. | .. | 8 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| „ - | *Claggan National School* - | 35 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 35 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 35 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cooraclare - | National School - | 51 | .. | .. | .. | .. | 48 | .. | .. | .. | .. | 41 | 45 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 38 |
| *Cootehill* - | *Doocarrick National School* | 25 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 25 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ,, - | *National School, New Cavan Street.* | 40 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 40 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Cork - - | Carmichael School - | 34 | .. | .. | .. | .. | 30 | .. | .. | .. | .. | 34 | 34 | .. | .. | .. | .. | 34 | .. | .. | .. | .. | .. | .. | .. | 34 |
| ,, - - | District Model School - | 18 | .. | .. | .. | .. | 9 | .. | .. | 9 | .. | 18 | 18 | .. | .. | .. | .. | 17 | .. | .. | .. | .. | .. | .. | .. | 9 |
| ,, - - | School of Science and Art - | 15 | 5 | 8 | 11 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ,, - - | *St. Luke's National School* | 22 | .. | .. | .. | .. | 22 | .. | .. | .. | .. | 15 | 15 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 22 |
| ,, - - | *St. Nicholas' National School* | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 7 | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 4 |
| Crumlin - | Laurelvale School - | 23 | .. | .. | .. | .. | 5 | .. | .. | .. | .. | 23 | 23 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 20 |
| Cullybackey - | Science Classroom - | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 | .. | .. | .. | .. | .. | 12 | .. | .. | .. | .. | .. | .. | .. |
| ,, - | National School - | 29 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 18 | 25 | .. | .. | .. | .. | 11 | .. | .. | .. | .. | .. | .. | .. | .. |
| Donegal - - | National School, Waterloo Place. | 10 | .. | .. | .. | .. | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Drum - - | National School - | 30 | .. | .. | .. | .. | 30 | .. | .. | .. | .. | .. | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Drumlough - | National School - | 8 | .. | .. | .. | .. | 3 | .. | .. | .. | .. | 4 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 8 |
| *Dublin* - - | *Central Model School* - | 160 | .. | .. | .. | .. | 80 | .. | .. | .. | .. | .. | 160 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 160 |
| ,, - - | Erasmus Smith's School - | 19 | .. | .. | .. | .. | 19 | .. | .. | .. | .. | .. | 19 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ,, - - | Mechanics' Institute - | 16 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 8 | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ,, - - | Queen's Institute School of Art. | 20 | 20 | 7 | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ,, - - | Santry School - | 37 | .. | .. | .. | .. | 20 | .. | .. | .. | .. | 24 | 16 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 18 | .. | .. | 26 |
| ,, - - | *Wesleyan School, Hardwicke Street.* | 71 | .. | .. | .. | .. | 35 | .. | .. | .. | .. | 49 | 49 | .. | .. | 24 | .. | 49 | .. | .. | .. | .. | .. | .. | .. | .. |
| ,, - - | *Young Men's Christian Association, Dawson Street.* | 19 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 18 | .. | .. | .. | .. | 19 | .. | .. | .. | .. | .. | .. | .. | .. |
| Dunadry - | Muckamore National School | 15 | .. | .. | .. | .. | 6 | .. | .. | .. | .. | .. | .. | .. | .. | 15 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Dundalk - | Educational Institute - | 58 | 25 | .. | .. | .. | 47 | .. | .. | 26 | .. | 41 | 43 | 35 | .. | .. | .. | .. | .. | .. | .. | .. | 33 | .. | .. | 40 |
| Dundrum - | Downshire School - | 23 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 23 |
| Dungannon - | Erasmus Smith's School - | 35 | .. | .. | .. | .. | 10 | .. | .. | .. | .. | .. | 8 | .. | .. | 15 | .. | 17 | .. | .. | .. | .. | .. | .. | .. | 15 |
| *Dungarvon* - | *Town Hall* - - | 35 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 35 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Dunmanway - | Derinachara National School. | 18 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 18 |
| ,, - | Model School, Mail Coach Road. | 24 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 24 |
| ,, - | Model School, Tonafora - | 18 | .. | .. | .. | .. | 18 | .. | .. | 9 | 9 | .. | 18 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 18 |
| *Enniskean* - | *Mawbey National School* - | 20 | .. | .. | .. | .. | 12 | .. | .. | .. | .. | 20 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Enniskillen - | Model National School - | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Foxford - - | Boys' National School - | 20 | 20 | .. | .. | .. | 20 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 6 | .. | .. | .. |
| Gilford - - | Mill School - - | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 |
| Grange O'Neilland. | Parochial School - - | 30 | .. | .. | .. | .. | 12 | .. | .. | .. | .. | .. | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 26 |

Appendix B.
SCIENCE SCHOOLS AND CLASSES, SUBJECTS TAUGHT, &c.

Table showing the Classes, Subjects taught, and Number of Students, in all Science Schools, &c.—*continued.*

| Town. | Where held. | Total No. of Individual Students. | I. Practical, Plane and Solid Geometry. | II. Machine Construction and Drawing. | III. Building Construction. | IV. Naval Architecture. | V. Pure Mathematics. Stages 1, 2, 3. | V. Pure Mathematics. Stages 4 & 5. | V. Pure Mathematics. Stages 6 & 7. | VI. Theoretical Mechanics. | VII. Applied Mechanics. | VIII. Acoustics, Light, and Heat. | IX. Magnetism and Electricity. | X. Inorganic Chemistry. | XI. Organic Chemistry. | XII. Geology. | XIII. Mineralogy. | XIV. Animal Physiology. | XV. Elementary Botany. | XVI. and XVII. General Biology. | XVIII. Mining. | XIX. Metallurgy. | XX. Navigation. | XXI. Nautical Astronomy. | XXII. Steam. | XXIII. Physical Geography. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Grey Abbey | National School | 17 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 17 | 17 | 17 | .. | .. | .. | .. | .. | 17 |
| Hillsborough | Boys' School | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 20 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 30 |
| Holywood | Sullivan's School | 45 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 30 | 34 | 16 | 37 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Kanturk | National School | 18 | .. | .. | .. | .. | 13 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 18 |
| Kilkee | National School, Chapel Street. | 21 | .. | .. | .. | .. | 16 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 16 | .. | .. | 21 |
| Kilkenny | College of St. Kyran | 50 | .. | .. | .. | .. | 30 | .. | .. | .. | .. | 30 | 30 | 40 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 30 |
| " | Model School | 30 | .. | .. | .. | .. | 18 | .. | .. | .. | .. | 30 | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 30 |
| Killadysert | National Male School | 25 | .. | .. | .. | .. | 20 | .. | .. | .. | .. | 20 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 20 |
| *Killarney* | *Male National School* | 25 | .. | .. | .. | .. | 25 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 25 |
| Killyleagh | Shrigley School-house | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 10 | .. | .. | 8 | .. | .. | .. | .. | .. | .. | 10 | .. | .. | 8 |
| *Kinsale* | *No. 3 National School* | 15 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 15 | 15 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 15 | 15 |
| Kircubbin | National School | 20 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 15 | 20 | .. | .. | .. | .. | 20 | .. | .. | .. | .. | .. | .. | .. | 15 |
| Larne | Model Agricultural School | 15 | .. | .. | .. | .. | 6 | .. | .. | .. | .. | 10 | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 10 | .. | .. | .. |
| " | North End National School | 9 | .. | .. | .. | .. | 6 | .. | .. | .. | .. | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 8 | .. | .. | .. |
| Letterkenny | High School | 14 | .. | .. | .. | .. | 13 | .. | .. | .. | .. | .. | 14 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Lifford* | *Female School, The Diamond* | 9 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 9 |
| Ligoniel | Wolfhill Mill National School. | 36 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 27 | 28 | 29 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Limerick | School of Art | 7 | 4 | 2 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Lisburn | Ballymacbrennan National School. | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2 | .. | .. | .. | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| " | Cargycroy National School | 8 | .. | .. | .. | .. | 4 | .. | .. | .. | .. | 8 | 8 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 8 |
| " | *Knockmore School* | 16 | .. | .. | .. | .. | 6 | .. | .. | .. | .. | .. | .. | .. | .. | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 16 |
| " | Market Square National School. | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 30 | .. | .. | .. | 30 | 24 | .. | .. | .. | .. | .. | .. | .. |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| „ - - | Prospect Hill School - | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 30 | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 30 |
| „ - - | Railway Street National School. | 15 | .. | .. | .. | .. | 6 | .. | .. | .. | .. | 8 | 12 | .. | .. | 12 | .. | 8 | .. | .. | .. | .. | .. | .. | .. | 12 |
| Lisded - - | National School, Derrygonnelly. | 13 | .. | .. | .. | .. | 8 | .. | .. | .. | .. | 11 | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 10 |
| Londonderry - | Erasmus Smith's National School. | 24 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 | 12 | .. | .. | .. | .. | 14 | .. | .. | .. | .. | .. | .. | .. | 20 |
| „ - | Gwyn's Institution - - | 35 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 35 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 35 |
| „ - | Male National School - | 95 | .. | .. | .. | .. | 54 | .. | .. | .. | .. | 73 | 78 | .. | .. | .. | .. | 46 | .. | .. | .. | .. | .. | .. | .. | 59 |
| „ - | *Model School* - - | 20 | .. | .. | .. | .. | 20 | .. | .. | .. | .. | 20 | 20 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 20 |
| *Loughgall* - | *Ballytyrone National School.* | 28 | .. | .. | .. | .. | 15 | .. | .. | .. | .. | .. | 28 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Lurgan - - | Donacloney, Banoge School | 21 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 21 | 21 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 21 |
| „ - - | Model School - - - | 21 | .. | .. | .. | .. | 4 | .. | .. | .. | .. | 20 | 20 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 20 |
| „ - - | National School - - | 19 | .. | .. | .. | .. | 19 | .. | .. | 19 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Macosquin* - | *National School* - - | 15 | .. | .. | .. | .. | 6 | .. | .. | .. | .. | .. | 15 | .. | .. | 15 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 15 |
| *Madden* - | *National School* - - | 14 | .. | .. | .. | .. | 10 | .. | .. | .. | .. | .. | 14 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 14 |
| Magherafelt - | No. 2 National School - | 20 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 13 | 18 | .. | .. | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Market-hill* - | *Lesdrumchor National School.* | 12 | .. | .. | .. | .. | 4 | .. | .. | .. | .. | .. | .. | .. | .. | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Milford (Donegal). | Male National School - | 20 | .. | .. | .. | .. | 5 | .. | .. | .. | .. | 15 | .. | .. | .. | .. | .. | 15 | .. | .. | .. | .. | .. | .. | .. | .. |
| Milford (Armagh). | National School - - | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 10 | 8 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Milltown - | Male National School - | 46 | .. | .. | .. | .. | 46 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 15 | .. | .. | 46 |
| Moira - - | Brookfield Agricultural School. | 26 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 26 | 9 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Monaghan - | Model School - - - | 13 | .. | .. | .. | .. | 13 | .. | .. | .. | .. | 13 | 13 | 13 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 13 |
| Moneymore - | Academy - - - | 22 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 | 12 | .. | .. | .. | .. | .. | 10 | .. | .. | .. | .. | .. | .. | 20 |
| „ - - | Ballygoney National School | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 | 12 | .. | .. | .. | .. | 12 | .. | .. | .. | .. | .. | .. | .. | 12 |
| „ - - | Tamlaght School - - | 25 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 24 | .. | .. | .. | .. | .. | 20 | .. | .. | .. | .. | .. | .. | 20 |
| Moy - - | No. 2 National School - | 24 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 24 | .. | .. | 24 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Moyne - - | St. Mary's Seminary - | 28 | .. | .. | .. | .. | 28 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Moys - - | National School - - | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 |
| Newmarket - | Meelin National School - | 12 | .. | .. | .. | .. | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Newry* - - | *National School* - - | 18 | .. | .. | .. | .. | 10 | .. | .. | .. | .. | 18 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Newtownards - | Model School - - - | 21 | .. | .. | .. | .. | 16 | .. | .. | .. | .. | .. | 12 | 17 | .. | 21 | .. | .. | .. | .. | .. | .. | .. | .. | 17 | 20 |
| Newtownstewart | Model School - - - | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 |
| *Oldcastle* - | *Endowed School* - - | 150 | .. | .. | .. | .. | 30 | .. | .. | .. | .. | .. | 80 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 70 |
| Omagh - - | Model School - - - | 23 | .. | .. | .. | .. | 17 | .. | .. | .. | .. | .. | 17 | .. | .. | .. | .. | 17 | .. | .. | .. | .. | .. | .. | .. | .. |
| *Parsonstown* - | *Model School* - - - | 18 | .. | .. | .. | .. | 12 | .. | .. | .. | .. | .. | 18 | .. | .. | 18 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

Appendix B.

SCIENCE SCHOOLS AND CLASSES. SUBJECTS TAUGHT, &c.

Table showing the Classes, Subjects taught, and Number of Students, in all Science Schools, &c.—*continued.*

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *Portadown* | *Edenderry National School* | 12 | : | : | : | : | 8 | : | : | : | : | : | 12 | : | : | : | : | : | : | : | : | : | : | : | : | 12 |
| Portaferry | Ballyphilip National School | 3 | : | : | : | : | 3 | : | : | 3 | : | : | : | : | : | : | : | : | : | : | : | : | : | 3 | : | 6 |
| " | National School | 6 | : | : | : | : | 6 | : | : | : | : | : | : | : | : | 6 | : | : | : | : | : | : | : | : | : | : |
| Portglenone | Mr. Houston's Session Rooms. | 18 | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | 18 | 18 | : | : | : | : | : | : | : |
| Portstewart | National School | 8 | : | : | : | : | 8 | : | : | : | : | : | 8 | : | : | : | : | : | : | : | : | : | : | : | : | : |
| Poyntzpass | National School | 14 | : | : | : | : | 8 | : | : | : | : | : | : | : | : | : | : | 14 | : | : | : | : | : | : | : | 35 |
| " | Tanlokey National School | 42 | : | : | : | : | 5 | : | : | : | : | 7 | 35 | : | : | 12 | : | : | : | : | : | : | : | : | : | : |
| *Ramelton* | *Robertson's National School* | 32 | : | : | : | : | 5 | : | : | : | : | 32 | 32 | : | : | : | : | 10 | : | : | : | : | : | : | : | 10 |
| Raphoe | Court House, Diamond | 19 | : | : | : | : | 10 | : | : | : | : | 10 | 10 | 12 | : | 20 | : | : | 20 | : | : | : | : | : | : | 15 |
| Rathfryland | National School | 35 | : | : | : | : | 10 | : | : | : | : | 6 | 12 | : | : | : | : | 12 | : | : | : | : | : | : | : | 8 |
| Richhill | Ballynahinch National School. | 14 | : | : | : | : | 3 | : | : | : | : | 12 | 12 | : | : | : | : | : | : | : | : | : | : | : | : | : |
| " | Erasmus Smith's School | 20 | : | : | : | : | : | : | : | : | : | : | 20 | : | : | : | : | : | : | : | : | : | : | : | : | 20 |
| Rockcorry | Corravacan National School | 12 | : | : | : | : | : | : | : | : | : | : | 12 | : | : | : | : | : | : | : | : | : | : | : | : | 12 |
| Roscrea | Young Men's Christian Association. | 20 | : | : | : | : | : | : | : | : | : | : | 10 | 12 | : | 20 | : | : | 20 | : | : | : | : | : | : | 20 |
| Roslea | Shamrock Schoolroom | 10 | : | : | : | : | 4 | : | : | 5 | : | 5 | 5 | 4 | : | : | : | 4 | : | : | : | : | : | : | : | 7 |
| Sandholes | National School | 7 | : | : | : | : | : | : | : | : | : | : | : | : | : | 7 | : | : | 7 | : | : | : | : | : | : | : |
| Skibbereen | No. 1 National School | 48 | : | : | : | : | 31 | : | : | : | : | 10 | : | : | : | : | : | : | : | : | : | : | : | 6 | : | 42 |
| *Stego* | *Primrose Grange institution, Knocknarea.* | 23 | 7 | : | : | : | 23 | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : |
| " | St. John's School, Chapel Street. | 47 | 2 | : | : | : | 43 | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | 4 |
| *Stewartstown* | *Albany National School* | 12 | : | : | : | : | : | : | : | : | : | 12 | 12 | : | : | : | : | 12 | : | : | : | : | : | : | : | 12 |
| " | *Arboe National School* | 9 | : | : | : | : | 4 | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | 9 | : | : |
| " | *Donaghey, No. 1 National School* | 14 | : | : | : | : | : | : | : | : | : | : | 14 | : | : | : | : | : | : | : | : | : | : | : | : | 14 |

Appendix B.

SCIENCE SCHOOLS AND CLASSES. SUBJECTS TAUGHT, &c.

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| „ | Donaghey National School | 17 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 14 | .. | .. | 7 | .. | .. | 17 | .. | .. | .. | .. | .. | 7 | 14 |
| „ | No. 2 National School | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 3 | 3 | .. | .. | 5 | .. | 2 | 4 | .. | .. | .. | .. | .. | .. | 3 |
| *Strokestown* | *National School* | 20 | .. | .. | .. | .. | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 20 |
| Tubbercurry | National School | 20 | .. | .. | .. | .. | 12 | .. | .. | 7 | .. | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 16 |
| *Virginia* | *Male National School* | 14 | .. | .. | .. | .. | 9 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 14 |
| Waterford | Model School | 20 | .. | .. | .. | .. | 8 | .. | .. | .. | .. | 20 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 14 |
| Whitegate | Corkbeg National School | 10 | .. | .. | .. | .. | 6 | .. | .. | .. | .. | 10 | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 10 |
| Whitehouse | National School | 36 | .. | .. | .. | .. | 30 | .. | .. | .. | .. | 36 | 36 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 18 |
| *Wicklow* | *National School* | 21 | .. | .. | .. | .. | 8 | .. | .. | .. | .. | .. | 21 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 21 | 21 |
| Total number of Classes | | 4559 | 257 | 306 | 210 | 12 | 528 | 17 | 6 | 104 | 61 | 409 | 554 | 357 | 45 | 176 | 15 | 464 | 93 | 32 | 7 | 15 | 35 | 11 | 84 | 761 |
| „ „ Students | | 52330 | 5060 | 6337 | 2764 | 97 | 10302 | 175 | 29 | 2140 | 1241 | 9576 | 14423 | 8993 | 761 | 3375 | 186 | 10269 | 2213 | 417 | 215 | 274 | 536 | 243 | 1531 | 18282 |
| 1,484 Schools. | | | | | | | | | | | | | | | | | | | | | | | | | | |

Appendix B.

AID BY EXAMPLES.

## 12. AID granted towards the COST of purchasing APPARATUS and EXAMPLES for SCIENCE SCHOOLS, 1875.

| Locality. | Name of School or Institution. | Amount of Aid. £ | s. | d. |
|---|---|---|---|---|
| | ENGLAND AND WALES. | | | |
| Aberdare - - | British School - - - | 1 | 11 | 5½ |
| Accrington - - | Co-operative Society's School - | 4 | 15 | 10½ |
| ,, - - | Mechanics' Institution - - | 16 | 9 | 0 |
| ,, - - | Wesleyan School - - - | 0 | 5 | 0 |
| Apperley Bridge - | Mechanics' Institution - - | 1 | 11 | 10½ |
| ,, - | ,, ,, - - | 4 | 17 | 9 |
| Aspatria - - | Agricultural School - - | 0 | 5 | 0 |
| Bacup - - - | Mechanics' Institute - - | 1 | 5 | 0 |
| ,, - - - | ,, ,, - - | 7 | 2 | 11½ |
| Baldock - - | British School - - - | 0 | 5 | 0 |
| Balham - - | Educational Institute - - | 0 | 4 | 3 |
| Banbridge - - | Scarva Street School - - | 3 | 10 | 0 |
| Bangor - - - | National School - - - | 3 | 10 | 1½ |
| Basford - - | Lecture Hall - - - | 0 | 18 | 6 |
| Bewdley - - | British School - - - | 2 | 9 | 6 |
| ,, - - | Grammar School - - - | 1 | 15 | 1 |
| ,, - - | ,, ,, - - | 2 | 9 | 5½ |
| ,, - - | ,, ,, - - | 4 | 9 | 3 |
| Birmingham - - | Midland Institute, Farm Street Sch. | 8 | 17 | 2 |
| ,, - - | ,, ,, Steward Street School. | 3 | 19 | 0½ |
| ,, - - | ,, ,, Windsor Street School. | 8 | 17 | 2 |
| ,, - - | ,, ,, Jenkin Street School. | 8 | 17 | 2 |
| ,, - - | ,, ,, Rea Street School | 8 | 17 | 2 |
| ,, - - | ,, ,, Harborne School | 10 | 11 | 0½ |
| ,, - - | ,, ,, Rea Street School | 16 | 1 | 1 |
| ,, - - | ,, ,, Jenkin Street School. | 13 | 3 | 3 |
| ,, - - | ,, ,, ,, ,, - | 1 | 7 | 2½ |
| ,, - - | ,, ,, - - - | 0 | 17 | 0 |
| ,, - - | ,, ,, Farm Street Sch. | 2 | 2 | 9 |
| ,, - - | St. Barnabas School - - | 1 | 15 | 8½ |
| ,, - - | Sparkbrook, Stratford Road, Christ Church School. | 3 | 19 | 3½ |
| Birstall - - - | Mechanics' Institution - - | 0 | 5 | 0 |
| ,, - - - | ,, ,, - - | 3 | 18 | 9 |
| Blue Pits - - | Congregational School - - | 0 | 14 | 3 |
| Bolton - - - | Church Institute, Science and Art School. | 2 | 6 | 11 |
| ,, - - - | ,, ,, ,, | 0 | 10 | 2½ |
| ,, - - - | Irish Literary Institution - - | 0 | 5 | 0 |
| ,, - - - | Sunnyside Institute - - | 0 | 5 | 0 |
| Bradford - - | All Saints' School - - | 2 | 7 | 6 |
| ,, - - - | Borough West School - - | 2 | 11 | 10 |
| ,, - - - | Hallfield School - - - | 0 | 5 | 0 |
| ,, - - - | Mechanics' Institution - - | 3 | 10 | 0 |
| ,, - - - | Parish Church Day School - | 0 | 5 | 0 |

Aid by Examples granted to Science Schools, 1875—*continued.*



| Locality. | Name of School or Institution. | Amount of Aid. £ | s. | d. |
|---|---|---|---|---|
| Bradford | Parish Church Day School | 1 | 19 | 6 |
| „ | „ „ | 3 | 11 | 3 |
| Braintree | Public Schools | 0 | 5 | 0 |
| „ | „ | 1 | 2 | 6 |
| „ | „ | 1 | 10 | 9½ |
| Brightlingsea | Wesleyan School | 0 | 5 | 0 |
| Bristol | Trade School | 14 | 17 | 0 |
| Bromley (Kent) | Cage Field School | 2 | 4 | 7½ |
| Burnley | Carlton Road School | 0 | 5 | 0 |
| „ | Church of England Literary Institute. | 5 | 10 | 11½ |
| „ | Mechanics' Institution | 0 | 17 | 10 |
| Burslem | School of Science and Art | 3 | 2 | 6 |
| Bury | Athenæum | 1 | 6 | 4½ |
| „ | „ | 0 | 8 | 11 |
| „ | „ | 0 | 15 | 0 |
| „ | „ | 0 | 19 | 3 |
| Bury St. Edmunds | Guildhall Commercial School | 0 | 5 | 0 |
| Carnarvon | Training College | 1 | 6 | 4 |
| Cardiff | Free Library and Arcade | 5 | 8 | 4 |
| Chapel-en-le-Frith | Reddish Green Academy | 4 | 9 | 3 |
| Chatham | Royal Engineer's Barracks | 0 | 17 | 10½ |
| Cheltenham | St. John's School | 3 | 11 | 0 |
| Chester | Mechanics' Institution, School of Science and Art. | 0 | 5 | 0 |
| Chesterfield | St. Helen's Street Board School | 3 | 14 | 11 |
| Church | Kirk School | 0 | 5 | 0 |
| Colchester | Wesleyan School, Culver Street | 0 | 10 | 0 |
| Crewe | Mechanics' Institute | 4 | 6 | 9 |
| Crook | Pease's West, Miners' Institute | 0 | 5 | 0 |
| „ | „ „ „ | 3 | 15 | 0 |
| „ | „ „ „ | 1 | 9 | 9 |
| „ | „ „ „ | 2 | 4 | 7½ |
| Culham | Training College | 0 | 5 | 0 |
| Darlington | Training College | 0 | 8 | 11 |
| Dawley | National School | 0 | 5 | 0 |
| Derby | British School | 0 | 5 | 0 |
| „ | Canal Street Wesleyan School | 0 | 12 | 9 |
| „ | Gerard Street Board School | 6 | 19 | 7½ |
| „ | „ „ | 11 | 8 | 3 |
| „ | St. Andrew's School | 0 | 12 | 4½ |
| „ | St. Paul's National Schools | 2 | 19 | 1½ |
| „ | Wesleyan School, Parliament Street | 0 | 12 | 9 |
| Devonport | Haddington Road School | 0 | 8 | 11 |
| Durham | Athenæum Science School | 5 | 4 | 1 |
| Eckington | Board School | 5 | 5 | 3½ |
| „ | „ | 9 | 1 | 11½ |
| „ | „ | 1 | 11 | 5 |
| Evercreech | National School | 0 | 5 | 0 |
| Exeter | Training College | 1 | 11 | 6 |
| Freemantle | Park House Academy | 9 | 15 | 6 |

Appendix B.

AID BY EXAMPLES.

Aid by Examples granted to Science Schools, 1875—*continued.*

| Locality. | Name of School or Institution. | Amount of Aid. £ | s. | d. |
|---|---|---|---|---|
| Gildersome | Turton Hall Science School | 14 | 18 | 6 |
| Gloucester | Science Schoo | 0 | 19 | 10½ |
| " | " | 2 | 9 | 4½ |
| " | " | 0 | 5 | 0 |
| Grantham | National School | 4 | 1 | 3 |
| Great Wyrley | Institute | 2 | 6 | 1 |
| Guildford | Archbishop Abbot's School | 0 | 5 | 0 |
| Halifax | British Schools | 0 | 5 | 0 |
| " | Crossley Orphan Home School | 5 | 2 | 9 |
| " | Industrial Society's Rooms | 1 | 7 | 2½ |
| " | " " | 1 | 7 | 3 |
| " | Mechanics' Institution | 1 | 15 | 8½ |
| " | Working Men's College | 0 | 5 | 0 |
| Handsworth | Perry Bar Institute | 3 | 11 | 9½ |
| Harewood | Church School | 0 | 5 | 0 |
| Henley-on-Thames | Young Gardeners' Class | 3 | 6 | 0 |
| " | " " | 0 | 9 | 7 |
| High Wycombe | National School | 0 | 5 | 0 |
| Horsforth | Mechanics' Institute | 0 | 14 | 9 |
| Hull | Board School, Anlaby Road | 3 | 2 | 6 |
| " | Church Institute | 0 | 11 | 6 |
| " | " | 0 | 17 | 10 |
| " | " | 3 | 11 | 4 |
| " | Wesleyan School, Beverley Road | 2 | 10 | 1½ |
| " | " " " | 0 | 5 | 0 |
| " | Young People's Christain and Literary Institute. | 0 | 17 | 5 |
| Hyde | Educational Inst., Flowery Field | 0 | 8 | 11 |
| " | Mechanics' Institution | 0 | 17 | 10 |
| Ilkley | The Mount School | 1 | 15 | 11 |
| Keighley | School of Science and Art | 0 | 5 | 0 |
| Kidderminster | Board School | 11 | 10 | 2 |
| King's Lynn | The Athenæum | 1 | 15 | 8½ |
| Laceby | Wesleyan Day School | 0 | 5 | 0 |
| Lancaster | Mechanics' Institution | 0 | 15 | 6 |
| Leamington | Spencer Street Classes | 5 | 4 | 10 |
| Lee | Boys' British School | 0 | 8 | 11 |
| | " " | 2 | 7 | 2 |
| | " " | 0 | 12 | 9 |
| Leeds | Yorkshire College of Science | 8 | 2 | 0 |
| " | " " | 2 | 10 | 7½ |
| Leicester | Town Museum | 0 | 5 | 0 |
| " | Trinity School | 6 | 14 | 9 |
| Lincoln | Training College | 2 | 2 | 6 |
| Littlehampton | Lecture Hall | 0 | 15 | 0 |
| Llanelly | Athenæum and Nevill Memorial Buildings. | 0 | 5 | 0 |
| " | " " " | 2 | 0 | 4½ |
| London :— | | | | |
| Barnsbury | St. Clement's School | 0 | 12 | 9 |
| Battersea | Training College | 7 | 2 | 3 |

Aid by Examples granted to Science Schools, 1875—*continued.*

| Locality. | Name of School or Institution. | Amount of Aid. £ | s. | d. |
|---|---|---|---|---|
| Bethnal Green | St. Matthias' School | 0 | 5 | 0 |
| Bloomsbury | Great Ormond Street Working Men's College. | 10 | 9 | 6 |
| Borough Road | Training College | 1 | 0 | 0 |
| Bow | Old Ford Road Science School | 0 | 5 | 0 |
| Chancery Lane | Birkbeck Institute | 5 | 14 | 0 |
| ,, | ,, | 10 | 0 | 0 |
| Chelsea | Technical School | 2 | 0 | 10 |
| ,, | ,, | 1 | 2 | 6 |
| ,, | ,, | 0 | 16 | 3 |
| ,, | ,, | 3 | 9 | 6 |
| ,, | Whiteland's Coll | 12 | 0 | 6½ |
| ,, | ,, | 3 | 6 | 0 |
| ,, | ,, | 3 | 11 | 10 |
| Dalston | Bay Street School | 0 | 5 | 0 |
| ,, | Private School, Brownlow Road | 2 | 5 | 6 |
| Hackney | Fellowes Street School | 4 | 1 | 10½ |
| Holloway | St. John's Youths' Institute | 1 | 0 | 2 |
| Hoxton | Academy | 2 | 3 | 0 |
| ,, | Holy Trinity School | 4 | 18 | 1 |
| Kennington | St. John's Middle Class School | 4 | 7 | 2½ |
| Kingsland | Birkbeck School | 1 | 10 | 3 |
| ,, | ,, | 0 | 5 | 0 |
| ,, | ,, | 1 | 3 | 0 |
| ,, | Middle Class School | 8 | 10 | 0 |
| Paddington | St. James' National School | 1 | 6 | 9 |
| Peckham | Wesleyan School | 7 | 19 | 3 |
| Pentonville | St. James' Institute | 2 | 19 | 0 |
| Pimlico | St. Barnabas Boys' School | 7 | 3 | 2½ |
| ,, | ,, ,, | 0 | 5 | 0 |
| ,, | St. Michael's Institute | 0 | 5 | 0 |
| St. Martin's Lane (Upper). | Artizans' Institute | 0 | 5 | 0 |
| ,, ,, | ,, | 1 | 10 | 0 |
| ,, ,, | ,, | 1 | 19 | 5½ |
| ,, ,, | ,, | 10 | 17 | 9 |
| ,, ,, | ,, | 4 | 9 | 9 |
| ,, ,, | ,, | 0 | 8 | 11 |
| Southwark | St. Saviour's Parish School | 0 | 5 | 0 |
| Walworth | Literary and Scientific Institute | 4 | 19 | 0 |
| Westminster | St. Margaret's Church of England School, Tothill Street. | 0 | 5 | 0 |
| ,, | ,, ,, ,, | 0 | 8 | 11 |
| ,, | ,, ,, ,, | 1 | 2 | 6 |
| ,, | St. Stephen's School | 0 | 5 | 0 |
| Loughor | National School | 0 | 5 | 0 |
| Manchester | Cheetham, St. John's School | 5 | 1 | 9 |
| ,, | Grammar School | 4 | 3 | 6 |
| ,, | ,, | 20 | 2 | 9 |
| ,, | ,, | 7 | 5 | 6 |
| ,, | Peter Street School | 5 | 13 | 3 |
| ,, | ,, | 4 | 2 | 6 |
| ,, | St. Wilfrid's Roman Catholic School | 2 | 18 | 9 |

Appendix B.

AID BY EXAMPLES.

Aid by Examples granted to Science Schools, 1875—*continued.*

| Locality. | Name of School or Institution. | Amount of Aid. £ | s. | d. |
|---|---|---|---|---|
| Maryport | Mechanics' Institution | 0 | 5 | 0 |
| " | " | 0 | 10 | 2½ |
| " | " | 0 | 10 | 0 |
| Matlock, Bath | National School | 2 | 12 | 3 |
| Melksham | Lowbourne Schools | 1 | 1 | 0 |
| Meltham Mills | National School | 3 | 16 | 3 |
| Middlesborough | Mechanics' Institute | 17 | 17 | 0 |
| Millbrook | Sunday School | 5 | 0 | 3 |
| Milnrow | Kiln Lane Branch Store Class | 0 | 17 | 10 |
| Mirfield | Mechanics' Institute | 2 | 9 | 3½ |
| Newport | Free Library Science School | 3 | 10 | 4 |
| Newton Heath | British School | 3 | 15 | 2½ |
| Northampton | Trade School | 3 | 4 | 0 |
| " | " | 1 | 11 | 5½ |
| Nottingham | British School, William Street, New Radford. | 0 | 5 | 0 |
| " | Mechanics' Institute | 0 | 5 | 0 |
| " | " | 3 | 6 | 0 |
| " | St. Saviour's School | 2 | 13 | 1 |
| " | " | 0 | 10 | 0 |
| Oldham | Science and Art School | 11 | 12 | 4½ |
| Pavenham | Church of England School | 0 | 5 | 0 |
| Penryn | Town Hall, Art Night Class | 0 | 5 | 0 |
| Plaistow | St. Andrew's (New) Schools | 0 | 17 | 0 |
| Portsmouth and Gosport | Schools of Science and Art | 0 | 5 | 0 |
| Pudsey | Mechanics' Institute | 0 | 5 | 0 |
| Ramsbottom | Industrial and Provident Society | 0 | 15 | 0 |
| Raunds | Wesleyan School | 0 | 5 | 0 |
| Redditch | Ipsley Street Wesleyan School | 0 | 17 | 6 |
| " | " " | 5 | 14 | 1½ |
| " | National School | 1 | 3 | 0 |
| Redruth | The Institution | 3 | 15 | 0 |
| " | " | 7 | 12 | 8½ |
| " | " | 1 | 0 | 2 |
| " | " | 1 | 5 | 6 |
| Ripley | Outram Street School | 2 | 0 | 9 |
| Ripponden | National School | 0 | 17 | 5½ |
| Rochdale | Lower Place Wesleyan School | 1 | 2 | 4 |
| Rochester | Board School | 0 | 11 | 0½ |
| St. Helen's | Lowe House School | 4 | 5 | 7½ |
| " | " | 7 | 10 | 0 |
| " | " | 0 | 8 | 3 |
| Sale | Township School | 1 | 17 | 10 |
| " | " | 0 | 12 | 6 |
| Salisbury | Literary and Scientific Institution | 7 | 3 | 9 |
| " | " " | 1 | 6 | 6½ |
| Salford | Working Men's College | 0 | 5 | 0 |
| Sawley | National School | 5 | 11 | 4½ |
| Scarborough | Mechanics' Institution | 0 | 5 | 0 |
| Selby | School of Art | 0 | 8 | 11 |

Aid by Examples granted to Science Schools, 1875—*continued.*



| Locality. | Name of School or Institution. | Amount of Aid. £ | s. | d. |
|---|---|---|---|---|
| Sheffield | Church of England Educl. Inst. | 0 | 7 | 6 |
| " | Mechanics' Institute | 0 | 5 | 0 |
| Shirley | National School | 1 | 5 | 6 |
| " | " | 6 | 8 | 1½ |
| Shrewsbury | National School | 5 | 18 | 3 |
| Skegby | Stanton Hill School | 0 | 5 | 0 |
| Smallbridge | Wardle Wesleyan School | 1 | 2 | 1 |
| Southampton | Hartley Institution and Taunton's Endowed School. | 3 | 14 | 11 |
| " | Highfield National School | 0 | 5 | 0 |
| " | " " | 0 | 8 | 11 |
| " | St. Luke's School | 0 | 5 | 0 |
| South Shields | Jarrow Chemical Company's School | 0 | 17 | 0 |
| Stamford | Institution | 5 | 7 | 1 |
| " | " | 0 | 11 | 3 |
| Stratford | Buxton College | 1 | 5 | 6 |
| " | " | 0 | 5 | 0 |
| Street | Working Men's Club | 0 | 5 | 0 |
| Strood | Working Men's Club and Institute | 0 | 5 | 0 |
| Sunderland | Monkwearmouth Workmen's Hall | 8 | 6 | 3 |
| " | " " | 2 | 17 | 4½ |
| Sydenham | Hill Road School | 0 | 5 | 0 |
| " | " | 2 | 13 | 6½ |
| Tankersley | Slosh School | 3 | 7 | 7½ |
| Torquay | Science and Art School | 0 | 5 | 0 |
| " | " | 4 | 7 | 6½ |
| Totnes | Board School " | 0 | 5 | 0 |
| Troon | Beacon Wesleyan Vestry Room | 2 | 18 | 10 |
| " | " | 1 | 1 | 3 |
| Tunbridge Wells | Belgrave School of Science | 1 | 15 | 8½ |
| Uttoxeter | New Day School | 4 | 11 | 10 |
| " | " | 3 | 19 | 0½ |
| " | " | 4 | 1 | 6 |
| Walsden | Mechanics' Institute | 2 | 0 | 1 |
| Walton-le-dale | National School | 6 | 11 | 9 |
| Wanstead | Infant Orphan Asylum | 0 | 5 | 0 |
| Warwick | Museum | 4 | 12 | 6 |
| " | " | 2 | 18 | 6 |
| " | " | 1 | 5 | 6 |
| Watford | Science and Art School, Public Library. | 1 | 19 | 7 |
| " | " " | 0 | 5 | 0 |
| Weston-super-Mare | School of Art | 2 | 14 | 9 |
| Weymouth | Barracks Art Night Class | 0 | 5 | 0 |
| " | Working Men's Club | 0 | 17 | 9 |
| Whitehaven | St. Nicholas' School | 8 | 9 | 9 |
| Wigan | Mining and Mechanical School | 4 | 4 | 6 |
| " | " " | 3 | 1 | 10½ |
| " | New Jerusalem School | 0 | 5 | 0 |
| " | " " | 1 | 15 | 4½ |
| " | " " | 1 | 3 | 3 |
| " | " " | 0 | 17 | 10 |
| Winchester | Training College | 7 | 0 | 7 |

Appendix B.

AID BY EXAMPLES.

Aid by Examples granted to Science Schools, 1875—*continued.*

| Locality. | Name of School or Institution. | Amount of Aid. £ | s. | d. |
|---|---|---|---|---|
| Wolverhampton | St. Peter's School | 15 | 6 | 0 |
| Yarmouth | Navigation School | 0 | 5 | 0 |
| York | Wesleyan Day Schools, Priory Street. | 0 | 5 | 2½ |
| ,, | ,, ,, | 1 | 5 | 6 |
| | Total for England and Wales £ | 848 | 18 | 6½ |
| | SCOTLAND. | | | |
| Aberdeen | St. John's School | 2 | 16 | 4 |
| Aboyne | Coull Public School | 0 | 17 | 6 |
| Alexandria | Mechanics' Institute | 2 | 3 | 6 |
| Ardrossan | Public School | 0 | 5 | 0 |
| Ayr | Academy | 8 | 11 | 7 |
| Beith | New Street United Presbyterian School. | 3 | 18 | 0 |
| Buckie | Free Church School | 0 | 8 | 11 |
| Campbeltown | Science School | 4 | 14 | 9 |
| Dumbarton | Burgh Academy | 5 | 2 | 9 |
| ,, | ,, | 27 | 0 | 9 |
| ,, | ,, | 6 | 1 | 1½ |
| Dundee | Young Men's Christian Association | 0 | 5 | 0 |
| ,, | ,, ,, | 13 | 16 | 0 |
| ,, | ,, ,, | 1 | 15 | 6 |
| ,, | ,, ,, | 6 | 18 | 9 |
| ,, | ,, ,, | 3 | 16 | 11½ |
| ,, | ,, ,, | 0 | 10 | 9 |
| East Kilbride | Public School | 2 | 18 | 0 |
| Edinburgh | St. James' School, Broughton Street | 0 | 5 | 0 |
| ,, | Stewart's Institute | 0 | 5 | 0 |
| ,, | ,, | 4 | 9 | 7 |
| Forfar | Burgh Schools | 5 | 18 | 7½ |
| Fraserburgh | Mid Street Academy | 0 | 5 | 0 |
| Glasgow | Church of Scotland Training College. | 0 | 5 | 0 |
| ,, | ,, ,, | 2 | 8 | 3 |
| ,, | St. John's School, Annfield | 4 | 4 | 7 |
| Greenock | Academy | 5 | 6 | 10½ |
| ,, | ,, | 0 | 18 | 7 |
| Hawick | Teviot Grove Academy | 1 | 14 | 5 |
| Inverkeithny | Kirktown School | 2 | 5 | 1 |
| Keith | Public School | 1 | 7 | 5½ |
| Kilwinning | Eglington Iron Works' School | 3 | 16 | 6 |
| King Edward | Parochial School | 4 | 1 | 0 |
| Kingussie | Public School | 5 | 11 | 1½ |
| Perth | Academy | 1 | 16 | 11 |
| Port Glasgow | United Presbyterian Session House and Academy Place Science Sch. | 7 | 14 | 6 |
| Rhynie | Public School | 0 | 8 | 11 |
| Saltcoats | Free Church Academy | 0 | 5 | 0 |
| Stirling | High School of Art | 0 | 5 | 0 |
| Towie | Public School | 0 | 18 | 3 |
| | Total for Scotland £ | 146 | 11 | 10 |

Aid by Examples granted to Science Schools, 1875—*continued.*



| Locality. | Name of School or Institution. | Amount of Aid. £ | s. | d. |
|---|---|---|---|---|
| | IRELAND. | | | |
| Ballynahinch - - | Drumaness Mills School - - | 2 | 1 | 3 |
| Belfast - - - | Argyle Place National School - | 1 | 4 | 8½ |
| „ - - - | St. George's Lecture Hall, School of Science and National School. | 8 | 2 | 11 |
| „ - - - | Wolfhill Mill - - - | 1 | 11 | 10 |
| „ - - - | Working Men's Institution - | 0 | 5 | 0 |
| „ - - - | „ „ - | 3 | 13 | 7 |
| Bray - - - | Schoolroom - - - | 6 | 4 | 0 |
| Clonakilty - - | No. 2 National School - - | 0 | 13 | 5 |
| Cork - - - | Carmichael National School - | 0 | 5 | 0 |
| Cullybackey - - | National School - - - | 0 | 18 | 5 |
| „ - - | Science Class Room - - | 1 | 4 | 5½ |
| Dunadry - - | Muckamore National School - | 0 | 17 | 6 |
| Dublin - - - | Erasmus Smith's School - - | 0 | 5 | 0 |
| „ - - - | Wesleyan School, Hardwicke Street | 8 | 3 | 0 |
| Dundalk - - | Educational Institute - | 0 | 5 | 0 |
| Kilkenny - - | National Model School - - | 0 | 12 | 6 |
| Killyleagh - - | Shrigley School House - | 1 | 8 | 0 |
| Limerick - - | Model School - - - | 0 | 11 | 0½ |
| Lisburn - - - | Knockmore School - | 0 | 5 | 0 |
| Londonderry - - | Gwyn's Institution - | 0 | 5 | 0 |
| „ - - | „ - - | 0 | 10 | 7½ |
| „ - - | „ - - | 0 | 5 | 1½ |
| „ - - | Male National School - - | 1 | 12 | 0 |
| Markethill - - | National School - - | 0 | 5 | 0 |
| Milford (co. Donegal) - | National School - - - | 1 | 9 | 6 |
| Newtownards - - | Model School - - - | 0 | 5 | 0 |
| Rathfryland - - | National School - - - | 1 | 12 | 9 |
| Stewartstown - - | Ballyclog, Erasmus Smith's School | 0 | 5 | 0 |
| „ - - | No. 2 National School - - | 2 | 17 | 10 |
| | Total for Ireland - - £ | 47 | 19 | 5½ |
| | Grand Total - - £ | 1043 | 9 | 10 |

Appendix B.

PAYMENTS TO SCIENCE TEACHERS.

## 13. PAYMENTS on the RESULTS of the SCIENCE EXAMINATIONS, 1875.

| No. | School. | Subjects for which Payment was made. | Amount. £ | s. | d. | Names of Teachers. |
|---|---|---|---|---|---|---|
| | | ENGLAND AND WALES. | | | | |
| 1 | Aberdare Brit. Sch. | V., XXIII. | 5 | 0 | 0 | Hogg, W., 1*l.*<br>Evans, J., 4*l.* |
| 2 | „ Nat. Sch. and Cwmbach Bd. Sch. | XII., XXIII. | 9 | 0 | 0 | Keast, A. |
| 3 | Accrington St. James' Nat. Sch. | VIII., IX. | 7 | 0 | 0 | Heald, J. T., 7*l.* |
| 4 | „ Co-operative Hall | II., V., VIII., IX., X., XI., XIV., XVI., XXII., XXIII. | 86 | 10 | 0 | Cronshaw, W. H., 15*l.*<br>Greenwood, H., 71*l.* 10*s.* |
| 5 | „ Mech. Inst. | II., VIII., IX., X., XIV., XXIII. | 39 | 0 | 0 | Cronshaw, W. H., 24*l.*<br>Greenwood, H., 15*l.* |
| 6 | „ New Jerusalem Brit. Sch. | V., VIII., XXIII. | 7 | 0 | 0 | Grimshaw, J. |
| 7 | „ Wes. Sch. | VIII., IX., XII., XIV. | 29 | 0 | 0 | Hargreaves, T. |
| 8 | Almondbury, King James's Gram. Sch. | V. | 1 | 0 | 0 | Easther, Rev. A. |
| 9 | Alton Boys' Nat. Sch. | IX., XIV. | 19 | 0 | 0 | Mussell, S. |
| 10 | Altrincham Lit. Inst. | XXIII. | 12 | 0 | 0 | Hams, J. |
| 11 | Apperley Bridge Mech. Inst. | XIV. | 11 | 0 | 0 | Heap, J. |
| 12 | Ashburton Academy, East Street. | XXIII. | 2 | 0 | 0 | Curnow, J. |
| 13 | Ashby-de-la-Zouch Mut. Imp. Soc. Gram. Sch. | V., IX., X. | 57 | 10 | 0 | Gibson, G. H. |
| 14 | Ashford Brit. Sch. | XXIII. | 6 | 0 | 0 | Jarvis, W. |
| 15 | Ashton-under-Lyne Brit. Sch. | II., V., XXII., XXIII. | 43 | 0 | 0 | Stringer, E. |
| 16 | Ashton-under-Lyne Mech. Inst. | I., II., III., VII. | 25 | 0 | 0 | Hurst, W. |
| 17 | Ashton-under-Lyne Parish Ch. Sch. | XXIII. | 16 | 0 | 0 | Barlow, E. |
| 18 | Ashton-under-Lyne, Dukinfield Village Library Sch. | I., II., III., X., XIV. | 26 | 0 | 0 | Robinson, E., 6*l.*<br>Stott, H., jun., 10*l.*<br>McMichael, D., 10*l.* |
| 19 | Ashton-under-Lyne, Dukinfield Hall Sch. | I., V. | 4 | 0 | 0 | Forbes, R. T. |
| 20 | Ashton-under-Lyne, Albion Schs. | I., II., V., X., XI., XXIII. | 87 | 10 | 0 | Monks, P., 26*l.*<br>Park, A., 22*l.*<br>Taylor, R. L., 39*l.* 10*s.* |
| 21 | Aspley Guise Brit. Sch. | X., XXIII. | 9 | 0 | 0 | Gautrey, T. |
| 22 | Audenshaw Brit. Sch. | V., VIII. | 10 | 0 | 0 | McMichael, D. |
| 23 | Aylesbury Endowed Sch. | V. VIII., IX., X., XIV. | 26 | 0 | 0 | Dumas, J. |
| 24 | Bacup Mech. Inst. | V., VIII., IX., XIV. | 33 | 0 | 0 | Stewart, R., 5*l.*<br>Crossley, A., 19*l.*<br>Bax, R., 9*l.* |
| 25 | Baildon Ch. of Eng. Sch. | I. | 2 | 0 | 0 | Kenyon, J. |
| 26 | „ Mech. Inst. | X. | 8 | 0 | 0 | Metcalfe, G. |
| 27 | Balderstone Nat. Sch. | V., VI., VIII., XXIII. | 29 | 0 | 0 | Dawkins, W. W. |
| 28 | Baldock Brit. Sch. | XXIII. | 7 | 0 | 0 | King, W. |
| 29 | Banbury Brit. Sch., Cherwell Brit. Sch. | I., V., VI., VIII., IX., XII., XIV., XXIII. | 75 | 0 | 0 | Beale, A. J., 49*l.*<br>Beale, J. H., 9*l.*<br>Birkby, T. S., 17*l.* |
| 30 | Bangor Nat. Sch. | I. | 1 | 0 | 0 | Rowland, J. C. |
| 31 | „ Normal College | V., VIII., XIV., XV. | 203 | 0 | 0 | Price, J., 72*l.*<br>Thomas, J., 97*l.*<br>Lewis, J. H., 34*l.* |
| 32 | Barnard Castle Mech. Inst. | II., V., X. | 15 | 10 | 0 | Bailey, G. H. |
| 33 | „ „ Wes. Sch. | V., XIV. | 15 | 0 | 0 | Taylor, R. |
| 34 | Barnsley Sch. of Art | II., III. | 11 | 0 | 0 | Jones, W. |

Payments on the Results of the Science Examinations—*cont.*



| No. | School. | Subjects for which Payment was made. | Amount. £ s. d. | Names of Teachers. |
|---|---|---|---|---|
| 35 | Barnstaple Lit. and Sci. Inst. and Blue Coat Sch. | V., IX., XXIII. | 44 0 0 | Maunder, S. G., 20*l.*; Tonkin, W. T. T., 3*l.*; Quick, W. J., 5*l.*; Satterley, C. H., 16*l.* |
| 36 | Barnstaple Wes. Day Sch. | IX., XXIII. | 27 0 0 | Maunder, S. G. |
| 37 | Barton-on-Humber Wes. Sch. | V. | 8 0 0 | Jackson, W. |
| 38 | Basford Lecture Hall | XII., XXIII. | 7 0 0 | Major, H. |
| 39 | Bath, Weston Boys' Sch. | IX. | 10 0 0 | Wall, C. |
| 40 | „ Weymouth House Nat. Sch. | VIII., XXIII. | 18 0 0 | Knight, J. |
| 41 | Bedford Commercial Sch. | V., VIII., IX., X., XII., XXIII. | 77 0 0 | Glover, A. W. |
| 42 | Bedminster Boys' Nat. Sch. | V., XXIII. | 2 0 0 | Foss, G. L. |
| 43 | Bere Regis Boys' Nat. Sch. | VIII. | 2 0 0 | Webb, H. |
| 44 | Beverley Wes. Day Sch. | V. | 15 0 0 | Spencer, W. |
| 45 | Bewdley and Wribbenhall Brit. Sch. | XIV. | 7 0 0 | Birtwistle, |
| 46 | Bideford Brit. Sch. | IX., XXIII. | 19 0 0 | Maunder, S. G. |
| 47 | Bilston, Bradley St. Martin's Boys' Sch. | X., XIV. | 16 10 0 | Addiscott, C. J. |
| 48 | „ Town Hall and Free Library. | VIII., IX., X., XIV. | 33 10 0 | Addiscott, C. J, |
| 49 | Bingley Mech. Inst. | I., III., VIII., IX., X., XXIII. | 43 0 0 | Severs, G., 31*l.*; Clough, R., 8*l.*; Slatter, G. W., 4*l.* |
| 50 | „ Gram. Sch. | V., VI., VIII., XXIII. | 18 0 0 | Sutcliffe, J.; Reed, B. |
| 51 | Birkenhead, Ch. of Eng., St. Paul's Sch. | V., XIV., XXIII. | 20 0 0 | Preston, T. |
| 52 | Birmingham, Sch. of Art, Paradise St. | II. | 22 0 0 | Causer, W. G. |
| 53 | „ Baptist Sch. | II., III. | 8 0 0 | Harper, E. |
| 54 | „ Bishop Ryder's Nat. Sch. | VIII., IX., XII., XIV., XXIII. | 44 0 0 | Shirley, J. |
| 55 | „ Bloomsbury Inst. | II. | 2 0 0 | Smith, A. F. |
| 56 | „ Blue Coat Sch. | V., IX., X., XII., XIV. | 104 0 0 | Dunn, G. S. |
| 57 | „ Board Sch., Farm Street. | VIII., IX., X. | 29 0 0 | Baker, T. J. |
| 58 | „ Board Sch., Goodrich St. | IX., X. | 6 0 0 | Roberts, T. |
| 59 | „ Board Sch., Stewart St. | VIII., IX., X. | 27 0 0 | Hiorns, A. |
| 60 | „ Brit. Sch., Severn Street | II., VIII., IX., X., XII., XIV., XXIII. | 122 0 0 | Shorthouse, E. 81*l.*; Lancaster, W. J., 41*l.* |
| 61 | „ Christ Church Sch., Stratford Road. | IX. | 5 0 0 | Marle, R. |
| 62 | „ Church of the Saviour Sch. | IX., X., XII., XV., XXIII. | 45 0 0 | Oliver, J. W., 1*l.*; Turner, J., 38*l.*; Baker, S., jun., 6*l.* |
| 63 | „ Circus Chapel | X., XIV., XXIII. | 27 0 0 | Canning, T., 26*l.*; Whitehouse, W 1*l.* |
| 64 | „ Cornwall Works, Soho. | II. | 19 0 0 | Causer, W. G. |
| 65 | „ Edgbaston Congregational Chapel. | VIII., XIV. | 41 0 0 | Turner, J. |
| 66 | „ Farm St. Sch. | XXIII. | 2 0 0 | Richardson, J. S. |
| 67 | „ Friends' Bible Mission Room | V., IX., X., XV. | 76 10 0 | Turner, J., 69*l.* 10*s.*; Beach, G., 7*l.* |
| 68 | „ Hurst St. Sch. | IX., XIV., XXIII. | 75 0 0 | Turner, J. |
| 69 | „ King Edward Sch. | XXIII. | 24 0 0 | Temperley, J. |
| 70 | „ Meth. New Connexion Sch., Hockley St. | IX., XIV. | 17 0 0 | Clarke, C. |

Appendix B.

PAYMENTS TO SCIENCE TEACHERS.

Payments on the Results of the Science Examinations—*cont.*

| No. | School. | Subjects for which Payment was made. | Amount. £ | s. | d. | Names of Teachers. |
|---|---|---|---|---|---|---|
| 71 | Birmingham, Midland Inst. | I., IX., X., XII., XIV., XXIII. | 179 | 10 | 0 | Woodward, J., 128*l.* 10*s.*; Oliver, J. W., 40*l.*; Smith, A. F., 6*l.*; Dunn, G. S., 5*l.* |
| 72 | „ Mid. Class Sch., Frederick St. | V., IX., X., XXIII. | 61 | 0 | 0 | Turner, J., 60*l.*; Ball, E., 1*l.* |
| 73 | „ People's Chapel | XIV., XXIII. | 16 | 0 | 0 | Canning, T. |
| 74 | „ St. Barnabas' Sch. | XIV. | 8 | 0 | 0 | Roe, W. |
| 75 | „ St. George's Sch., Great Russell Street. | VIII., XXIII. | 40 | 0 | 0 | Clarke, C. |
| 76 | „ St. George's Sch., Smith Street. | II., III. | 8 | 0 | 0 | Betton, A. |
| 77 | „ St. Paul's Sch., Spencer St. | IX., XIV. | 44 | 0 | 0 | Temperley, J. |
| 78 | „ Spring Hill Chapel Sch. | XIV. | 5 | 0 | 0 | Canning, T. |
| 79 | „ The Inst., Howard Street. | II., V., IX., X., XXIII. | 48 | 0 | 0 | Hiorns, A., Wilkinson, H. 19*l.*; Locker, S., 12*l.*; Hiorns, A., 5*l.*; Cox, A. W., 12*l.* |
| 80 | „ Wes. Sch., St. Martin Street, Islington. | XIV. | 2 | 0 | 0 | Leworthy, G. |
| 81 | „ Young Men's Chr. Assoc. | III., VI., IX. | 33 | 0 | 0 | Turner, J., 31*l.*; Smith, A. F., 2*l.* |
| 82 | Birstall, Mech. Inst. | VI., VIII., IX., X., XXIII. | 65 | 0 | 0 | Patchett, I. |
| 83 | Bishop Auckland Mech. Inst. | III. | 5 | 0 | 0 | Borrows, H. |
| 84 | Blackburn, Congregational Sch. | IX., XIV., XXIII. | 12 | 0 | 0 | Riley, W. |
| 85 | „ St. John's Sch. | IX., XXIII. | 10 | 0 | 0 | Brandwood, T.; Ettock, J. |
| 86 | „ St. Peter's Sch. | V., VIII., IX., XXII., XXIII. | 40 | 0 | 0 | Sayle, J. |
| 87 | „ Sci. and Art. Sch. | II., V., VI., VIII., IX., X., XII., XIV., XVI., XVII., XXII., XXIII. | 234 | 10 | 0 | Isherwood, T., 227*l.* 10*s.*; Nichols, J., 7*l.* |
| 88 | „ Christ Ch. Grimshaw Park Sch. | V., IX., XXIII. | 26 | 0 | 0 | Rostron, I. |
| 89 | „ St. Michael's Sch., Whalley Road. | IX., XIV. | 20 | 0 | 0 | Battersby, W. |
| 90 | „ New Jerusalem Sch. | III., IX. | 13 | 0 | 0 | Wilson, W. |
| 91 | Blackley Nat Sch. | X., XXIII. | 20 | 0 | 0 | Wakeham, J. |
| 92 | Blaenavon Wes. Sch. | VIII., XXIII. | 23 | 0 | 0 | Cock, W. L. |
| 93 | Blaydon-on-Tyne, St. Cuthbert's Nat. Sch. | I., II., III., VII. | 47 | 0 | 0 | Clark, W. N., 18*l.*; Hutchinson, C. W., 29*l.* |
| 95 | Blue Pits Congregational Sch. | X., XIV. | 8 | 0 | 0 | Dean, J. |
| 94 | Bodmin Nat. Sch. | XIV., XXIII. | 4 | 10 | 0 | Downing, S., 1*l.* 10*s.*; Fursey, S., 3*l.* |
| 96 | Bolton Mech. Inst. | I., II., III., VII., X., XXII. | 55 | 0 | 0 | Spriggs, C., 37*l.*; Collins, J., 18*l.* |
| 97 | „ Nat. Sch., Trinity St. | VI., VIII., IX. | 49 | 0 | 0 | Isherwood, T. |
| 98 | „ Church Inst. | I., II., III., V., X. | 33 | 0 | 0 | Cundy, Rev. J. W., 5*l.*; Gregson, Rev. J., 6*l.*; Stott, H., jun., 22*l.* |
| 99 | „ Wes. Sch., Fletcher St. | XIV., XXIII. | 13 | 0 | 0 | Taylor, J. |
| 100 | „ Emmanuel Sch. | XXIII. | 6 | 0 | 0 | Moore, W. |
| 101 | „ Christ Church Nat. Sch. | XXIII. | 1 | 0 | 0 | Kendall, J. |
| 102 | „ Irish Lit. Inst. | XIV. | 6 | 0 | 0 | Clarke, P. J. |
| 103 | Bootle, St. John's Nat. Sch. | XXIII. | 5 | 0 | 0 | Thomasson, F. |
| 104 | Boston Nat. Sch. | V., XX., XXIII. | 12 | 0 | 0 | Gane, W. |

Payments on the Results of the Science Examinations—*cont.*



| No. | School. | Subjects for which Payment was made. | Amount. £ | s. | d. | Names of Teachers. |
|---|---|---|---|---|---|---|
| 105 | Bradford, Boro' West Sch. | V., XXIII. | 21 | 0 | 0 | Potter, T., 5*l.*<br>Harrison, J., 16*l.* |
| 106 | „ Girls' Middle Sch. | XII. | 5 | 0 | 0 | Slatter, G. W. |
| 107 | „ Hallfield Sch. | V., VIII., IX., XXIII. | 8 | 0 | 0 | Watson, M., 3*l.*<br>Monckman, J., 5*l.* |
| 108 | „ All Saints' Sch. | V., IX., XII. | 11 | 0 | 0 | Singleton, H. |
| 109 | „ Manningham, St. Paul's Sch. | IX., X. | 9 | 10 | 0 | Johnson, J. B. |
| 110 | Sch. of Art, Mech. Inst. | I., III., V., VIII., IX., X., XI., XII., XIV., XV. | 129 | 0 | 0 | Leadley, L., 25*l.*<br>Gornall, H., 20*l.*<br>Kenyon, J., 13*l.*<br>Severs, G., 20*l.*<br>Hick, T., 12*l.* |
| 111 | „ Parish Ch. Schs. | V., VI., X., XXIII. | 59 | 0 | 0 | Knowles, M., 39*l.*<br>Knowles, M. |
| 112 | „ Chemists' Assoc. | VIII., IX., X. | 9 | 0 | 0 | Monckman, J. |
| 113 | „ Church Inst. | X. | 8 | 0 | 0 | Johnson, J. B. |
| 114 | „ St. James' Sch, | VIII. | 5 | 0 | 0 | Sowden, J. |
| 115 | „ Model Sch. | IX., XII., XIV., XXIII. | 26 | 0 | 0 | Kenyon, J. |
| 116 | „ Sch. of Art, Gram. Sch., North Parade | V., VIII., IX., X., XII. | 100 | 0 | 0 | Meaden, Rev. R. A., 18*l.*<br>Bird, C., 82*l.* |
| 117 | „ College Chapel Day Sch. | VIII., XXIII. | 12 | 0 | 0 | Brook, W. |
| 118 | „ Manningham Acad. | IX. | 1 | 0 | 0 | Monckman, J. |
| 119 | Braintree, Public Sch., Manor Street. | V., XIV., XXIII. | 23 | 0 | 0 | Rose, W. |
| 120 | Breage Inst. | XIII., XVIII. | 3 | 0 | 0 | Tregoning, R. H., 2*l.*<br>Eustice, G. W., 1*l.* |
| 121 | Breedon-on-the-Hill Boys' Sch. | IX. | 1 | 0 | 0 | Rushton, W. |
| 122 | Bridport, Sch. of Sci. and Art and General Sch. | V., VIII., XII., XIV., XXIII. | 47 | 0 | 0 | Beard, J. |
| 123 | „ Ladies' Sch., West Street | VIII., XV., XXIII. | 28 | 0 | 0 | Beard, J., 17*l.*<br>Reid, F. M., 11*l.* |
| 124 | Brierley Hill, Albion House Sch. | VIII., X., XII., XIV., XXIII. | 33 | 0 | 0 | Clark, D. |
| 125 | Brighouse, Mech. Inst. | I., II., IX., X. | 24 | 10 | 0 | Clarke, A., 7*l.* 10*s.*<br>Farrer, E., 9*l.*<br>Rawson, J., 8*l.* |
| 126 | Brightlingsea Wesleyan Day Sch. | XXIII. | 1 | 0 | 0 | Shaw, W. S. |
| 127 | Brighton, Board Sch., Sussex Street | IX., XXIII. | 28 | 0 | 0 | Mathison, T., 15*l.*<br>Garner, S., 13*l.* |
| 128 | „ Elliot Mem. Sch., Mount Street. | XXIII. | 7 | 0 | 0 | Mitchell, C. |
| 129 | „ Sch. of Art, Royal Pavilion | III. | 22 | 0 | 0 | Fisher, A.<br>Alderton, W. M. |
| 130 | „ Board Sch., Hanover Terrace. | XIV., XXIII. | 16 | 0 | 0 | Lethbridge, E. B. |
| 131 | Bristol, Counterslip Brit. Sch. | I., II., III., V., VIII. | 44 | 0 | 0 | Plant, E. C., 9*l.*<br>Fewings, J., 5*l.*<br>Plant, A. U., 6*l.*<br>Tyler, F. G., 24*l.* |
| 132 | „ Brit. Sch., Redcross Street | V., VIII., IX., XIV. | 62 | 0 | 0 | Evans, G. A., 61*l.*<br>Reed, J. H., 1*l.* |
| 133 | „ St. James' Sch., The Barton. | XIV. | 10 | 0 | 0 | Atchley, G. F. |
| 134 | „ Russell Town Brit. Sch. | XXIII. | 13 | 0 | 0 | Philpott, A. T. |
| 135 | Clifton Nat. Sch. | XXIII. | 1 | 0 | 0 | Biggs, A. |
| 136 | „ Trade and Mining Schs. | I., II., III., V., VIII., IX., X., XI., XV., XX. | 281 | 0 | 0 | Comber, T., 185*l.*<br>Welsh, J., 18*l.*<br>Munro, J., 60*l.*<br>Leipner, A., 18*l.* |
| 137 | „ Wes. Sch., North Street. | XIV., XXIII. | 20 | 0 | 0 | Mawbey, H. |
| 138 | Bromyard British Sch. | XIV., XXIII. | 7 | 0 | 0 | Preston, W. |
| 139 | Budock, Nat. Sch. | VIII., XXIII. | 19 | 0 | 0 | Freeman, G. A. |
| 140 | Burley-in-Wharfdale Lecture Hall. | XXIII. | 6 | 0 | 0 | Clark, T. |

Appendix B.

PAYMENTS TO SCIENCE TEACHERS.

Payments on the Results of the Science Examinations—*cont.*

| No. | School. | Subjects for which Payment was made. | Amount. £ | s. | d. | Names of Teachers. |
|---|---|---|---|---|---|---|
| 141 | Burnley, Carlton Road Sch. | V., VI. | 11 | 0 | 0 | Woodcock, F. W., 8*l.*; Grant, J. H., 3*l.* |
| 142 | „ Ch. of Eng. Lit. Inst. | II., III., X., XII., XIV., XXIII. | 20 | 0 | 0 | Oldman, G., 7*l.*; Bell, T., 5*l.*; Hart, J., 8*l.* |
| 143 | „ Mech. Inst. | II., III., V., VIII., IX., X., XII., XIV., XXIII. | 71 | 10 | 0 | Thompson, J., 15*l.*; Cannel, J., 5*l.*; Atkinson, W., H., 7*l.*; Jones, E., 44*l.* 10*s.* |
| 144 | „ Wes. Sch., Fulledge Street. | VIII., IX., X., XII., XXIII. | 36 | 0 | 0 | Jones, E. |
| 145 | „ Gram. Sch., North Parade. | XII., XV. | 5 | 0 | 0 | Morris. D. |
| 146 | Burslem, Wedgwood Inst | I., II., III., V., IX., X., XIV., XXIII. | 32 | 10 | 0 | Theaker, G.; Sparkes, A. L. |
| 147 | Burton, Latimer End. Sch. | VIII. | 15 | 0 | 0 | Wilson, G. J. |
| 148 | Burton-on-Trent, Sch. of Sci. | V., VIII., IX., X., XIV. | 42 | 0 | 0 | Grose, S. T. W., 5*l.*; Bacon, J., 18*l.*; Chadwick, J., 9*l.*; Crowther, W., 8*l.*; Bulman, J. } Chadwick, J. } 2*l.* |
| 149 | Bury, Athenæum | I., II., III., V., VII., IX., X., XI. | 71 | 10 | 0 | Dodgson, W., 31*l.*; Duerr, G., 40*l.* 10*s.* |
| 150 | „ British Sch. | V. | 3 | 0 | 0 | Timpany, J. F. |
| 151 | Bury St. Edmunds, Guildhall Coml. Sch. | V., XXIII. | 17 | 0 | 0 | Jones, T. |
| 152 | Bushbury Nat. Sch. | XXIII. | 1 | 0 | 0 | Shaw, R. |
| 153 | Caistor Lower Gram. Sch. | V., X., XXIII. | 7 | 0 | 0 | Thomas, Rev. R. |
| 154 | Calverley, Mech. Inst. | IX., X., XIV., XXIII. | 29 | 10 | 0 | Harrison, J. |
| 155 | Camborne, Tehidy Working Men's Club | X., XIII., XIX., XXII. | 33 | 0 | 0 | Jago, W., 11*l.*; Letcher, T.H., 22*l.* |
| 156 | Cambridge, Ch. of Eng. Young Men's Inst., St. Edward's Passage. „ Youth's Club, Paradise St. „ St. Michael's Sch. „ Young Men's Chris. Assoc., Alexandra St. | V., IX., XII., XIV., XXIII. | 140 | 0 | 0 | Watt, F. |
| 157 | Cannock Infant Sch. | II. | 4 | 0 | 0 | Mulligan, J. A. |
| 158 | Cardiff, Royal Arcade Sch. of Art | I. II., III., V., VI., VIII., IX., X., XIV., XXII., XXIII. | 112 | 10 | 0 | Bush, J., 93*l.* 10*s.*; Roberts, G., 2*l.*; Seward, W., 17*l.* |
| 159 | Cardingham Board Sch. | V., XXIII. | 5 | 0 | 0 | Guy, G. H. |
| 160 | Carmarthen Trg. Coll. | VI., XIV., XXIII. | 105 | 0 | 0 | Morris, Rev. R. H., 61*l.*; Burgoin, G., 44*l.* |
| 161 | Carnarvon Trg. Coll. | VI., VIII., IX., XV. | 122 | 0 | 0 | Boucher, Rev. J. S., 19*l.*; Jones, T. L., 44*l.*; Whitehead, R., 59*l.* |
| 162 | Chapel-en-le-Frith, Reddish Green Acad. | XXIII. | 4 | 0 | 0 | Dixon, W. |
| 163 | Chapeltown, Lowndes Sch. | XXIII. | 2 | 0 | 0 | Girling, R. G. S. |
| 164 | „ Brit. Sch. | XXIII. | 4 | 0 | 0 | Baldwin, T. |
| 165 | Chard, Board Sch. | XIV. | 2 | 0 | 0 | Sanders, T. W |
| 166 | Charlton Kings, Holy Apos. Boys' Sch. | IX., XXIII. | 13 | 0 | 0 | Rogers, W. F. |
| 167 | Chatham, St. Mark's Sch. | I., II., VIII., XII., XXIII. | 28 | 0 | 0 | Betts, E. W., 15*l.*; Hepworth, J., 3*l.*; Shelton, J., 10*l.* |
| 168 | „ St. Mary's Nat. Sch. | I., II., III. | 14 | 0 | 0 | Betts, E. W. |

Payments on the Results of the Science Examinations—*cont.*

| No. | School. | Subjects for which Payment was made. | Amount. £ | s. | d. | Names of Teachers. |
|---|---|---|---|---|---|---|
| 169 | Chatham, Boys' Schoolroom, Royal Mar. Barracks. | V., XXIII. | 11 | 0 | 0 | Stanfield, H. |
| 170 | „ Royal Engineers Barracks. | II., III. | 15 | 0 | 0 | Law, J. |
| 171 | „ James Street Sch. | I., II., IV. | 37 | 0 | 0 | Phayer, R. P., 17*l.*; O'Donoghue, D., 20*l.* |
| 172 | Chelmsford, Victoria Nat. Sch. | XXIII. | 3 | 0 | 0 | Taylor, H. |
| 173 | Cheltenham, Brit. Sch. | IX., X., XXIII. | 59 | 0 | 0 | Moore, H. J., 15*l.*; Turner, J. D., 3*l.*; Ensor, E. G., 41*l.* |
| 174 | „ Parish Ch. Boys' Sch. | IX., X., XII., XXIII. | 143 | 0 | 0 | Wheeler, F. F., 140*l.*; Matthews, H., 3*l.* |
| 175 | „ Training Coll.<br>„ Wes. Sch. | VI., IX., XIV. | 98 | 0 | 0 | Brereton, E. W., 10*l.*; Gill, J., 30*l.*; Ensor, E. G., 58*l.* |
| 176 | „ St. Luke's Night Sch., Bath Road | IX. | 8 | 0 | 0 | Wheeler, F. F.; Bryant, J. |
| 177 | „ Working Men's Club. | IX., X. | 11 | 0 | 0 | Embrey, G. |
| 178 | „ St. John's Nat. Sch. | IX., X., XXIII. | 29 | 0 | 0 | Matthews, H., 13*l.*; Platt, S. H., 16*l.* |
| 179 | „ Christ Ch. Nat. Sch. | IX., XXIII. | 25 | 0 | 0 | Biffen, H. J. |
| 180 | „ Whitworth Sch. | V., VIII., IX., X., XIV., XV., XIX., XXIII. | 81 | 0 | 0 | Matthews, H. |
| 181 | „ Trinity Nat. Sch. | IX. | 30 | 0 | 0 | Dye, W. |
| 182 | Chenies Ch. of Eng. Sch. | XXIII. | 5 | 0 | 0 | Gould, F. J. |
| 183 | Chester Training Coll. | II., III., V., VIII., X., XIV., XXIII. | 109 | 10 | 0 | Craister, W., 2*l.*; Critchley, Rev. J. M., 4*l.*; Craig, J., 71*l.* 10*s.*; Rowston, R., 22*l.*; Eaves, J., 10*l.* |
| 184 | „ Wes. Sch., St. John Street | XV., XXIII. | 41 | 0 | 0 | Cross, G., 34*l.*; Crees, M. E., 7*l.* |
| 185 | Chesterfield St. Helen's St. Board Sch. | I., II., X., XI. | 54 | 10 | 0 | Francis, E. |
| 186 | Chorley Wes. Day Sch. | V., VIII., X., XIV., XXIII. | 58 | 0 | 0 | Brook, S. |
| 187 | Church Kirk Sch. | V., VIII., IX., X., XXII. | 24 | 10 | 0 | Foulds, W. |
| 188 | Cirencester, Green's Mid. Class | X. | 11 | 0 | 0 | Woodcock, R. O. |
| 189 | Clay Cross, Public Hall | I., II., V., X. | 6 | 0 | 0 | Francis, E., 5*l.*; Murray, C. T., 1*l.* |
| 190 | Clayton-le-Moors Mech. Inst. | VIII., IX., X., XIV. | 63 | 10 | 0 | Walsh, J. |
| 191 | „ Brit. Sch. | VIII., IX. | 15 | 0 | 0 | Kay, J. |
| 192 | Clitheroe Gram. Sch. | IX., X. | 36 | 10 | 0 | Isherwood, T. |
| 193 | Clow Bridge Nat. Sch. | VIII., XIV. | 6 | 0 | 0 | Barrow, R. |
| 194 | Clutton Brit. Sch. | IX. | 18 | 0 | 0 | Brett, A. |
| 195 | Coalbrookdale Lit. and Sci. Inst., and Sch. of Art. | II. | 2 | 0 | 0 | Woolner, H. |
| 196 | Codnor, Butterley Comp. Sch. | XII., XIV. | 6 | 0 | 0 | Pine, W. F., 2*l.*; Erskine, D. S., 4*l.* |
| 197 | Codsall Nat. Sch. | XIV. | 3 | 0 | 0 | Plant, D. |
| 198 | Colchester Lit. Inst. | II. | 1 | 0 | 0 | Hocking, E. C. |
| 199 | „ Young Men's Christian Assoc. | IX. | 13 | 0 | 0 | Baskett, G. W. |
| 200 | „ Wes. Sch. | V., XXIII. | 10 | 0 | 0 | Shaw, H. E., 7*l.*; Harris, Isaac, 3*l.* |
| 201 | „ Friends' Sch., Sir Isaac's Walk. | IX. | 17 | 0 | 0 | Baskett, G. W. |
| 202 | „ Assembly Rooms, Culver Street. | IX. | 21 | 0 | 0 | Baskett, G. W. |
| 203 | Colne Gram. Sch. | V., XXIII. | 8 | 0 | 0 | Wroe, J. |
| 204 | Cornholme Brit. Sch. | I., II., XIV., XXIII. | 15 | 0 | 0 | Fleming, A., 9*l.*; Shackleton J., 6*l* |

Appendix B.

PAYMENTS TO SCIENCE TEACHERS.

Payments on the Results of the Science Examinations—*cont.*

| No. | School. | Subjects for which Payment was made. | Amount. £ | s. | d. | Names of Teachers. |
|---|---|---|---|---|---|---|
| 205 | Coventry St. Peter's Natonal Sch. | XXIII. | 10 | 0 | 0 | Bates, J. I. |
| 206 | „ Sch of Art | V., IX. X., XIV., XXIII. | 53 | 0 | 0 | Heap, C. J., 21*l.*; Bates, J. I., 32*l.* |
| 207 | „ Bablake Sch. | XXIII. | 9 | 0 | 0 | Humberstone, F.W. |
| 208 | Cowes (East) Nat. Sch. | III. | 4 | 0 | 0 | Holland, T. |
| 209 | „ (West) St. Mary's Institute. | III. | 2 | 0 | 0 | Holland, T. |
| 210 | Cranfield Nat. Sch. | V., XXIII. | 11 | 0 | 0 | Arnold, W. J. |
| 211 | Crediton, Hayward's Charity Sch., East Street. | XXIII. | 15 | 0 | 0 | Hall, R. E. |
| 212 | Crewe Mech. Inst. | I., II., V., VIII., IX., X. | 109 | 0 | 0 | Craister, W., 29*l.*; Davison, W., 71*l.*; Dishart, W., 9*l.* |
| 213 | Cromford Sch. | XXIII. | 10 | 0 | 0 | Tissington, H. |
| 214 | Crosshills Mid. Sch. | IX., X., XIV. | 14 | 10 | 0 | Metcalfe, G. |
| 215 | Croydon, Lit. and Sci. Inst. „ Sch. of Art, Wellesley Road | I., III., XIV., XXIII. | 36 | 0 | 0 | Busbridge, J., 26*l.*; Turner, H., 10*l.* |
| 216 | „ Wes. Sch. | XXIII. | 2 | 0 | 0 | Wade, I. |
| 217 | Culham Trg. Coll. | V., VIII., X., XIV., XXIII. | 250 | 0 | 0 | Lewis, Rev. H., 99*l.*; Corfield, G., 40*l.*; Merrick, T., 17*l.*; Hutton, G., 94*l.* |
| 218 | Darlington Brit. and For. Soc. Trg. Coll. | XIV., XVII., XXIII. | 92 | 0 | 0 | Langton, J., 19*l.*; Davis, B., 41*l.*; Stone, J., 32*l.* |
| 219 | „ St. John's Sch., Yarm Lane | V., XXIII. | 11 | 0 | 0 | Hewson, J. |
| 220 | Dartmoor Prison Officers Sch., Prince Town. | V., XXIII. | 6 | 0 | 0 | Pender, W. |
| 221 | Darwen Congregl. Sch. | VIII., IX., XIV., XXIII. | 33 | 0 | 0 | Schofield, E. |
| 222 | „ (Over) Co-operative Hall | I., V., VIII., IX., X., XII., XIV., XXIII. | 40 | 0 | 0 | Thompson, J., 37*l.*; Johnson, R., 3*l.* |
| 223 | „ „ Trin. Ch. Sch. | VIII., IX., XXIII. | 24 | 0 | 0 | Thompson, J. |
| 224 | „ (Lower) St. James's Nat. Sch. | XIV. | 4 | 0 | 0 | Ratcliffe, J. |
| 225 | Dawley Nat. Sch. | IX., XII., XXIII. | 27 | 0 | 0 | Swinnerton, J. |
| 226 | Denholme Mech. Inst. | IX. | 7 | 0 | 0 | Smith, J. B. |
| 227 | Denton, Hanghton Dale Educ. Inst. | XXIII. | 5 | 0 | 0 | Bason, S. |
| 228 | Deptford School Board Schs., Creek Road | I., II., V., VI., VII., VIII., IX., X., XXII. | 69 | 0 | 0 | Blacknell, E., 4*l.*; Griffin, J., 38*l.*; Hart, F., 24*l.*; Stevens, G. W., 3*l.* |
| 229 | „ St. Joseph's Catholic Sch. | V., IX. | 36 | 0 | 0 | Torrence, J. |
| 230 | „ St. Paul's Sch., Edward St. | I., II., III., VI., VIII., IX., X., XXII. | 85 | 0 | 0 | Blacknell, E., 10*l.*; Philips, T. W., 39*l.*; Ellercamp, H. G., 36*l.* |
| 231 | Derby Central Sch. of Sci. | V., VII., VIII., IX., X., XII., XIV., XXIII., XXIII. | 66 | 0 | 0 | Major, H., 12*l.*; Cowlishaw, G., 11*l.*; Chadwick, J., 14*l.*; Webster, G. E., 20*l.*; Crowther, W., 9*l.* |
| 232 | „ St. Andrew's Sch. | V., VIII., IX., X., XII., XXIII. | 100 | 0 | 0 | Sutherland, G., 53*l.*; Guthrie, J., 47*l.* |
| 233 | „ Nat. Sch., Curzon St. | IX., XIV., XXIII. | 30 | 0 | 0 | White, P. R.; Francis, W. |
| 234 | „ Central Sch. of Art. | I., II., III. | 41 | 0 | 0 | Simmonds, T. C., 13*l.*; Webster, G. E., 28*l.* |
| 235 | „ Board Sch., Devonshire Street. | IX. | 37 | 0 | 0 | Bulman, J. |
| 236 | „ Board Sch., Gerard Street. | XXIII. | 25 | 0 | 0 | Heywood, W. W. |
| 237 | „ Primitive Methodist Sch. | VIII., IX. | 34 | 0 | 0 | Aston, E. Y. |
| 238 | „ Training Coll. | XIV. | 34 | | 0 | Crowther, W. |

Payments on the Results of the Science Examinations—*cont.*

| No. | School. | Subjects for which Payment was made. | Amount. £ | s. | d. | Names of Teachers. |
|---|---|---|---|---|---|---|
| 239 | Derby, Diocesan Sch., Friar Gate. | x. - - - | 1 | 0 | 0 | Guthrie, J. |
| 240 | „ Wes. Sch., King Street | V., VIII., IX., XII., XIV., XXIII. - | 52 | 0 | 0 | Walton, J. P. 12*l.*; Crowther, W., 6*l.*; Aston, E. Y., 34*l.* |
| 241 | „ Wes. Sch., Canal St. - | V., VIII., IX., X., XIV., XXIII. - | 67 | 10 | 0 | Chadwick, J.; Guthrie, J. |
| 242 | „ Brit. Sch., Orchard Street - - - | VIII., IX., XII., XIV., XXIII. - | 57 | 0 | 0 | Crowther, W., 10*l.*; Aston, E. Y., 45*l.*; Walton, J. P., 2*l.* |
| 243 | Devonport St. James's Nat. Sch., Keyham - | I., II., III., IV., V., VI., VII., VIII., XII., XIV., XVI., XXII., XXIII. - | 125 | 0 | 0 | Wonnacott, J., 123*l.*; Lemon, C. P., 14*l.*; Bowden, J. T., 14*l.*; Burall, T., 25*l.*; Beer, T., 2*l.* |
| 244 | „ Stoke Public Sch., Albert Road. | IX. - - - | 18 | 0 | 0 | Rider, A. J. |
| 245 | „ St. Mary's Nat. Sch. | V., VIII., IX., XXIII. | 46 | 0 | 0 | Tarn, H. C. |
| 246 | „ Mech. Inst. - | I., II., III., IV., V., VIII., IX., X., XXIII. - | 102 | 10 | 0 | Ellis, R. J., 24*l.*; Bartlett, C. M., 6*l.*; Rider, A. J., 21*l.* 10*s.*; Bowden, J. T., 15*l.*; Edgecumbe, G.H., 29*l.*; Clark, R. G., 7*l.* |
| 247 | „ Nat. Sch., St. John's Street. | V., IX., XX., XXIII. | 47 | 0 | 0 | Weblin, W. T. |
| 248 | „ Haddington Rd., Chapel School-room - - | I., II., III., IV., XXIII. - | 20 | 0 | 0 | Clark, R. G., 6*l.*; Barratt, W. J., 11*l.*; Debman, A. R., 3*l.* |
| 249 | „ Stoke Public Sch., Keppel Street. | X. - - - | 44 | 0 | 0 | Rider, A. J. |
| 250 | „ Nav. and Mil. Free Sch. | V., IX., XIV., XXIII. | 47 | 0 | 0 | Carlyon, J. T. |
| 251 | „ H.M.S. "Impregnable." | V., VIII., XXIII. - | 25 | 0 | 0 | Neal, J. |
| 252 | „ H.M.S. "Lion" - | V., XXIII. - - | 21 | 0 | 0 | Williams, C., 13*l.*; Wonnacott, J., 8*l.* |
| 253 | „ Brit. Sch. - - | I., II., IX., X., XX., XXIII. - | 43 | 0 | 0 | Gosling, J. W., 12*l.*; Hitchings, J., 22*l.*; Andrews, T. N., 9*l.* |
| 254 | „ Boys' Board Sch., Morice Town. | XXIII. - - | 4 | 0 | 0 | Bennett, W. J. |
| 255 | Dewsbury Mech. Inst. - - | I., II., III., X. - | 15 | 0 | 0 | Gornall, H., 11*l.*; Frost, J., 4*l.* |
| 256 | Doncaster, Gt. N. Rail. Sch. | II. - - - | 56 | 0 | 0 | Branston, Z. H., 56*l.* |
| 257 | „ Wes. Sch. - - | IX. - - - | 14 | 0 | 0 | Cowley, J. |
| 258 | Dover, Sch. of Art - - | I., II., III., IX. - | 25 | 0 | 0 | Duckett, W., 16*l.*; Sergeant, G. H., 9*l.* |
| 259 | „ Boys' Nat. Sch. - - | V., XXIII. - - | 16 | 0 | 0 | Howells, J. W., 6*l.*; Brooks, G. H., 10*l.* |
| 260 | „ Alexandrovna Rooms- | IX., XXIII. - | 10 | 0 | 0 | Marsh, C. H. C. |
| 261 | „ Charlton Nat. Sch. - | XIV. - - | 14 | 0 | 0 | Lawrence, M. A. |
| 262 | Dresden Temperance Hall and Wkg. Men's Club - | X., XXIII. - | 15 | 0 | 0 | Bence, H., 1*l.*; Walker, J., 14*l.* |
| 263 | Driffield (Great) Nat. Sch. - | X. - - - | 2 | 0 | 0 | Santon, W. |
| 264 | „ „ Board Sch. - | V., XXIII. - - | 4 | 0 | 0 | Sparks, W. |
| 265 | Droitwich, Coventry Boys' Sch. | X., XI. - - | 21 | 10 | 0 | Bale, F. |
| 266 | „ Nat. Sch. - - | XXIII. - - | 6 | 0 | 0 | Jeacock, J. S. |
| 267 | Droylsden Educ. Inst. - - | I., II., III., X. - | 18 | 10 | 0 | Newton, W., 6*l.*; Riley, J., 12*l.* 10*s.* |
| 268 | „ Brit. Sch. - - | V., X., XXIII. - | 5 | 0 | 0 | Dawson, S., 1*l.*; Dawson, G., 4*l.* |
| 269 | Dudley, Blue Coat Sch. - | X. - - - | 3 | 0 | 0 | Williams, J. |
| 270 | „ Holy Hall Sch. - | II. - - - | 13 | 0 | 0 | Mason, B. F. |
| 271 | „ Mech. Inst. - - | II., VII., IX., X., XIV., XXII. - | 55 | 0 | 0 | Causer, W. G., 24*l.*; Williams, J., 28*l.*; Udall, J., 3*l.* |

Appendix B.

PAYMENTS TO SCIENCE TEACHERS.

Payments on the Results of the Science Examinations—*cont.*

| No. | School. | Subjects for which Payment was made. | Amount. £ | s. | d. | Names of Teachers. |
|---|---|---|---|---|---|---|
| 272 | Dudley Mid.-class Sch. | V. | 4 | 0 | 0 | Burton, E. |
| 273 | Duffield Endowed Sch. | IX., XXIII. | 35 | 0 | 0 | Chadwick, J. |
| 274 | Durham Training Coll. | XIV., XXIII. | 65 | 0 | 0 | Powley, W., 25*l.*<br>Watts, A., 40*l.* |
| 275 | „ Blue Coat Sch. | V., X., XII., XIV. | 38 | 0 | 0 | Powley, W., 1*l.*<br>Watts, A., 12*l.*<br>Meaden, H. P., 25*l.* |
| 276 | Earlestown Assembly Rooms | II., III. | 13 | 0 | 0 | Chadderton, J. |
| 277 | „ Wargrave Sch., Newton-le-Willows. | XXIII. | 5 | 0 | 0 | Davies, J. |
| 278 | Eastwood Mech. Inst. | II. | 10 | 0 | 0 | Tyrer, J. S. |
| 279 | „ Brit. Sch. | V., VI., | 6 | 0 | 0 | Morris, I. H. |
| 280 | Eccles Western Sch. | V., VI., XXIII. | 13 | 0 | 0 | Walmsley, J. |
| 281 | Eccleshill Mech. Inst. | IX., X., XIV. | 37 | 10 | 0 | Harrison, J. |
| 282 | Eckington Board Sch. | VIII., XIV., XXIII. | 35 | 0 | 0 | Ascough, W. |
| 283 | Egerton Brit. Sch. | VIII., IX. | 40 | 0 | 0 | Sumner, J. W. |
| 284 | Egremont Brit Sch. | XXIII. | 7 | 0 | 0 | Bonney, H. |
| 285 | Elland Nat. Sch. | I., II., VI., VII., VIII., IX., XXII. | 60 | 0 | 0 | Kershaw, T., 22*l.*<br>Sykes, E., 9*l.*<br>Akroyd, B., 18*l.*<br>Farrar, E., 11*l.* |
| 286 | Evercreech Nat. Sch. | IX., X. | 11 | 10 | 0 | Hargreaves, J. |
| 287 | Evesham, Bengeworth Deacle's Sch. | IX., XIV. | 21 | 0 | 0 | Sturgess, W. |
| 288 | „ Mech Inst. | III. | 2 | 0 | 0 | Ridsdale, E. S. |
| 289 | Exeter, Albert Mem. Mus. Sch. of Art | I., II., III., V., IX., X., XI., XII., XIV., XXIII. | 123 | 10 | 0 | Perkins, F. P., 29*l.* 10*s.*<br>Sheppard, W., 13*l.*<br>Trott, J., 40*l.*<br>Jerman, R., 11*l.*<br>Underhill, J. T., 12*l.*<br>Birkmyer, J. B., 18*l.* |
| 290 | „ Trg. Coll. | I., V., VIII., XIV., XV., XXIII. | 144 | 0 | 0 | Dangar, Rev. J. G., 106*l.*<br>Booth, J., 23*l.*<br>Birkmyer, J. B., 11*l.*<br>Phillips, J., 4*l.* |
| 291 | „ Episc. Sch., St. David's Hill. | XXIII. | 8 | 0 | 0 | Betteridge, F. |
| 292 | „ Paris Street Sch. | XII., XXIII. | 7 | 0 | 0 | Price, H. S. |
| 293 | „ Wes. Sch. | V., XIV., XVI.–XVII., XXIII. | 18 | 0 | 0 | Hill, H. G. |
| 294 | Exmouth, Parade Sch. | XII., XXIII. | 11 | 0 | 0 | Salter, C., 4*l.*<br>Price, H. S., 7*l.* |
| 295 | Falmouth, Polytech. Inst. | V., IX., X., XXIII. | 73 | 0 | 0 | Barratt, R., 39*l.*<br>Roberts, S., 34*l.* |
| 296 | Farnley Iron Co.'s Sch. | II., V., XXIII. | 19 | 0 | 0 | Parminter, J. V., 5*l.*<br>Bates, G. M. T.<br>Cryer, T., 14*l.* |
| 297 | Farnworth New Jerusalem British Sch., Church Street, Kearsley. | XXIII. | 9 | 0 | 0 | Hartley, T. |
| 298 | Faversham Institution | IX., X., XIV., XXIII. | 35 | 0 | 0 | Batterbee, N. S., 21*l.*<br>Hargreaves, A. F. 8*l.*<br>Day, R. W., 6*l.* |
| 299 | Felling Chemical Works Sch. | I., II. | 15 | 0 | 0 | Swan, W. B. |
| 300 | Ferry Hill Nat. Sch. | XXIII. | 1 | 0 | 0 | Kidd, W. |
| 301 | Folkestone Town Museum | VIII., IX., X., XII., XIV., XXIII. | 87 | 0 | 0 | Ullyett, H., 68*l.*<br>Lloyd, C. W., 19*l.* |
| 302 | Freemantle Ch. of Eng. Sch. | VIII., IX., XIV., XXIII. | 82 | 0 | 0 | Simpson, J. |
| 303 | Frome Blue Coat Sch. | IX. | 23 | 0 | 0 | Brown, W. |
| 304 | „ Sch. of Sci. and Art Lit. Inst. | I. | 2 | 0 | 0 | Collins, W. G. H. |
| 305 | Gainsborough Par. Ch. Boys' Sch. | V., XXIII. | 5 | 0 | 0 | Taylor, C., 1*l.*<br>Adlard, B. T., 4*l.* |

Payments on the Results of the Science Examinations—*cont.*

| No. | School. | Subjects for which Payment was made. | Amount. £ s. d. | Names of Teachers. |
|---|---|---|---|---|
| 306 | Gainsborough Brit. Ironworks Sch. | II. | 16 0 0 | Rodgers, A. E. |
| 307 | Garforth Wkg. Men's Club and Inst. | VI., IX., X. | 9 10 0 | Schofield, J. |
| 308 | Gargrave Mech. Inst. | III. | 2 0 0 | Mallinson, T. |
| 309 | Gateshead Nat. Sch. | I., II., III., VII., IX., X., XXII. | 43 0 0 | Crawford, S., 27*l.*<br>Robson, W. H., 16*l.* |
| 310 | Gildersome, Turton Hall Sch. | IX., X. | 56 0 0 | Patchett, I. |
| 311 | Gloucester Sch. of Sci. and Art. | II., III. | 13 0 0 | Kemp, J. |
| 312 | „ Sch. of Sci. Crypt Grammar Sch. | VIII., IX., X., XII., XIV., XIX. | 70 0 0 | Embrey, G. |
| 313 | Golborne Mech. Inst. | I., II. | 6 0 0 | Barlow, W. |
| 314 | Gorton, Manchester, Sheffield, and Linc. Railway Inst. Sch. | I., II. | 20 0 0 | Botheras, R., 5*l.*<br>Botheras R. B., 15*l.* |
| 315 | Grafton (East) Nat. Sch. | XXIII. | 1 0 0 | Tregear, W. S. |
| 316 | Grantham Nat. Sch. | I., II., VII., VIII., X. | 79 10 0 | Cockman, A., 36*l.* 10*s.*<br>Preston, H. 33*l.*<br>Westmoreland, J., 10*l.* |
| 317 | Gravesend, Trin. Sch. | I., III. | 8 0 0 | Betts, E. W. |
| 318 | Great Horton Nat. Sch. | XIV. | 1 0 0 | Smith, L. C. |
| 319 | „ „ Wes. Sch. | I., V. | 10 0 0 | Butterworth, T. |
| 320 | Greenwich St. Paul's Par. Rm. Green Lane. | I., II., III. | 18 0 0 | Parry, P. |
| 321 | Greetland Mech. Inst. | X. | 9 0 0 | Shaw, J. |
| 322 | Grimsby, Garibaldi Street, Prim. Meth. Sch. | XIV., XXIII. | 15 0 0 | Wyld, S. |
| 323 | „ Wes. Day Sch. | X., XXIII. | 20 0 0 | West, J. |
| 324 | Guildford, Archbishop Abbot's Sch. | VIII., X., XII., XIV., XV. | 33 0 0 | Phillips, J. A., 15*l.*<br>Dowlen, E., 18*l.* |
| 325 | Guiseley Mech. Inst. | X. | 23 10 0 | Slatter, G. W. |
| 326 | Gunnislake Board School | XXIII. | 2 0 0 | James, C. |
| 327 | Halifax, Mech. Hall., Crossley Street. | X. | 6 0 0 | Akroyd, B. |
| 328 | „ Wkg. Men's Coll. | X., XI., XXIII. | 29 10 6 | Jarmain, G., 23*l.* 10*s.*<br>Shaw, E., 6*l.* |
| 329 | „ Indus. Soc. Rooms | I., II., VII., IX., X. | 37 10 0 | Akroyd, B., 31*l.* 10*s.*<br>Sykes, E., 1*l.*<br>Farrar, E., 5*l.* |
| 330 | „ Brit. Sch. | XXIII. | 14 0 0 | Middleton, C. |
| 331 | Haltwistle Nat. Sch. | XXIII. | 7 0 0 | Ratcliffe, J. |
| 332 | Handsworth, the Inst., Perry Bart. | XXIII. | 2 0 0 | Oliver, J. W. |
| 333 | Hanley, Potteries Mech. Inst. | V., X., XXII. | 14 10 0 | Sparkes, A. L. |
| 334 | Harewood Ch. Sch. | IX., XXIII. | 32 0 0 | Hamlett, G. |
| 335 | Hartshill Sch. and Mech. Inst. | I., VI., VIII., IX., X., XI., XV., XX. | 30 10 0 | Dixon, A. C. |
| 336 | Haslingden Mech. Inst. | I., II. | 9 0 0 | Bradshaw, M. H. |
| 337 | Haverfordwest Boys' Nat. Sch. | XIV., XXIII. | 8 0 0 | Morgans, T. |
| 338 | Haworth Lees Wes. Sch. | IX., XIV. | 16 0 0 | Walbank, J. |
| 339 | „ Wes. Sch., West Lane. | VIII., IX. | 11 0 0 | Matson, J. |
| 340 | Hayfield Nat. Sch. | X., XIV. | 11 0 0 | Nuttall, J. |
| 341 | Hayle, Drawing Office Foundry Square. | X., XXII. | 23 0 0 | Jago, W. |
| 342 | Heaton Nat. Sch. | VIII., XXIII. | 7 0 0 | Kille, C. |
| 343 | Hebburn, St. Andrew's Inst. | III. | 1 0 0 | Smith, J. |
| 344 | Hebden Bridge Mech. Inst. | VIII., IX., X., XI., XXII. | 32 10 0 | Stenhouse, T., 23*l.* 10*s.*<br>Crossley, A., 9*l.* |
| 345 | „ Club Room | I., II. | 12 0 0 | Parker, J., 7*l.*<br>Redman, J., 5*l.* |
| 346 | Helston Com. Sch., Church Street. | X., XII., XXIII. | 16 0 0 | Gill, J. |
| 347 | Hendon Lit. Inst. | IX., XII., XXIII. | 17 0 0 | Palmer, J., 9*l.*<br>Cooper, Z., 8*l.* |

Appendix B.

PAYMENTS TO SCIENCE TEACHERS.

Payments on the Results of the Science Examinations—*cont.*

| No. | School. | Subjects for which Payment was made. | Amount. £ | s. | d. | Names of Teachers. |
|---|---|---|---|---|---|---|
| 348 | Heptonstallta Mech. Inst., Church Street. | II., III. | 6 | 0 | 0 | Crossley, A. |
| 349 | Hereford, Free Library | IX., XIV., XXIII. | 49 | 0 | 0 | Caldwell, G. J., 19*l.*; Munn, J., 30*l.* |
| 350 | Heywood Reform Club | IX., X. | 30 | 10 | 0 | Duerr, G. |
| 351 | High Wycombe Boys' Board Sch. / Girls' Nat. Sch. | X. | 11 | 10 | 0 | Tottle, G. |
| 352 | Higham Ferrers Board Sch. | VIII., XII., XIV. | 27 | 0 | 0 | Lee, G. |
| 353 | Hindley, St. Paul's Sch. | I., II., VII., XXII. | 14 | 0 | 0 | Barlow, W. |
| 354 | Holbeck Mech. Inst. | I., II., V., IX., XIV., XXII. | 107 | 0 | 0 | Cryer, T., 84*l.*; Bullock, T., 23*l.* |
| 355 | „ Wes. Sch. | XXIII. | 6 | 0 | 0 | Strange, G. |
| 356 | Holsworthy Wes. Sch. | XXIII. | 1 | 0 | 0 | Manchester, T. |
| 357 | Horsforth Mech. Inst. | IX., X., XIV. | 20 | 0 | 0 | Metcalfe, G. |
| 358 | Houghton Brit. Sch. | XXIII. | 3 | 0 | 0 | Wright, J. T. |
| 359 | Hucknall Torkard Board Sch. | V., VIII., XIV. | 10 | 0 | 0 | Holroyd, J. |
| 360 | Huddersfield Lockwood Mech. Inst. | XIV., XXIII. | 7 | 0 | 0 | Taylor, J. |
| 361 | „ Mech. Inst., Northumberland St. Sch. of Art | I., II., III., VIII., IX., X., XI., XIV., XXIII. | 141 | 0 | 0 | Jarmain, G., 51*l.*; Kershaw, T., 32*l.*; Taylor, J., 11*l.*; Allott, J., 47*l.* |
| 362 | „ St. Peter's Nat. Sch. | IX., X. | 12 | 0 | 0 | Allott, J. |
| 363 | Hull Brit. Sch., Day St. | X. | 3 | 0 | 0 | Spafford, W. A. |
| 364 | „ Brit. Sch., Waterhouse Lane. | V., XX., XXIII. | 22 | 0 | 0 | Sleight, H. |
| 365 | „ Navigation Sch. | V., XX., XXI., XXII. | 153 | 0 | 0 | Scaping, Z., 141*l.*; Read, J., 12*l.* |
| 366 | „ Wes. Sch., Beverley Rd. | V., XXIII. | 6 | 0 | 0 | West, J. |
| 367 | „ Royal Inst. | I., II., III., V., VI., VII., VIII., IX., X., XIV., XV., XXII., XXIII. | 144 | 0 | 0 | French, S., 13*l.*; Niven, Jas. C., 4*l.*; Simpson, A., 45*l.*; Gamwell, W., 21*l.*; Ward, J., 9*l.*; West, J., 21*l.*; Stephenson, W., 7*l.*; Read, J., 24*l.* |
| 368 | „ Church Inst. | II., III., X., XXII., XXIII. | 48 | 0 | 0 | Elliott, W. D; Ward, J., 6*l.*; West, J., 5*l.*; Pitts, H. W., 7*l.*; Read, J., 9*l.* |
| 369 | „ Young People's Inst. | I., II., III., IV., V., IX., X., XII., XIV., XXIII. | 95 | 0 | 0 | Read, J., 16*l.*; Ward, J., 33*l.*; Spafford, W. A., 23*l.*; Burt, H., 6*l.*; Devonshire, W., 11*l.*; Smith, F., 3*l.*; Trewent, F. J., 2*l.* |
| 370 | „ Board Sch., Anlaby Rd. | VIII., XII. | 15 | 0 | 0 | James, M. H. |
| 371 | „ Board Sch., Courtney Street. | XXIII. | 4 | 0 | 0 | Broad, T. |
| 372 | „ Board Sch., Lincoln Street. | XIV., XXIII. | 11 | 0 | 0 | Martin, C. E. |
| 373 | Huncoat Wes. Sch. | XXIII. | 3 | 0 | 0 | Fielding, C. E. |
| 374 | Huntingdon, Walden's Sch. / „ The Inst. | II., III., XIV. | 5 | 0 | 0 | Pascoe, J., 4*l.*; Davies, W. M., 1*l.* |
| 375 | Hyde Educ. Inst., Flowery Field | I., II., V. | 15 | 0 | 0 | Stott, H., 12*l.*; Reynolds, J., 3*l.* |
| 376 | „ Mech. Inst. | I., II., V., VI., VII., VIII. | 25 | 0 | 0 | Hurst, W., 16*l.*; Bradley, J., 4*l.*; Brewer, R. F., 5*l.* |
| 377 | Hyson Green, Nat. Sch. Pleasant Row. | XXIII. | 13 | 0 | 0 | Sykes, R. |

Payments on the Results of the Science Examinations--*cont.*



| No. | School. | Subjects for which Payment was made. | Amount. £ | s. | d. | Names of Teachers. |
|---|---|---|---|---|---|---|
| 378 | Ilfracombe Par. Ch. Sch. | IX., XXIII. | 62 | 0 | 0 | Maunder, S. G., 33*l.*<br>Tattam, M. W., 29*l.* |
| 379 | Ilkeston Brit. Sch. | XIV. | 1 | 0 | 0 | Daykin, H. F. |
| 380 | Ilkley College | IX., X., XIV. | 10 | 10 | 0 | Monckman, J. |
| 381 | „ The High Sch. | IX., X., XXIII. | 15 | 0 | 0 | Harrison, J. |
| 382 | „ The Mount | IX., XXIII. | 14 | 0 | 0 | „ |
| 383 | Ipswich, Sch. of Art and Assembly Rooms. | I., II., III. | 23 | 0 | 0 | Griffiths, W. T. |
| 384 | Isleworth Nat. Boys' Sch. | III., XXIII. | 10 | 0 | 0 | Smith, J. R. |
| 385 | Jarrow-on-Tyne Mech. Inst. | I., II., III., VII. | 19 | 0 | 0 | Crawford, S. |
| 386 | Keighley Mech. Inst. and Sch. of Sci. and Art | I., II., III., V., VI., VII., VIII., IX., X., XIV., XVI., XVII., XXII., XXIII. | *296 | 0 | 0 | Spencer, J.<br>Burgoyne, W. T.<br>Cawley, T. A.<br>Barrett, D.<br>Leadley, L. |
| 387 | Kendal, Sch. of Sci. and Art | V., VIII., IX., X., XI. | 122 | 10 | 0 | Bateman, J., junr. |
| 388 | Kettering North End Nat. Sch. | VIII., XIV. | 16 | 0 | 0 | Robinson, W. |
| 389 | Kidderminster, Board Sch., Coventry Street. | V., XXIII. | 20 | 0 | 0 | Davey, W. C. |
| 390 | King's Lynn, Athenæum | XIV. | 6 | 0 | 0 | Plowright, C. B. |
| 391 | Kingswood, St. Michael's Sch. | V., VIII., XXIII. | 13 | 0 | 0 | Norsworthy, J. W. H. |
| 392 | „ Wes. Sch. | XXIII. | 14 | 0 | 0 | Bancroft, R. |
| 393 | Laceby, Wes. Sch. | XXIII. | 3 | 10 | 0 | Shackleton, J. |
| 394 | Lancaster, Boys' Nat. Sch., St. Leonard's Gate<br>Lancaster, Mech. Inst., Market Street | I., II., III., V., X., XI., XII., XXXII. | 35 | 10 | 0 | Taylor, J., 7*l.*<br>Gilbert, H., 7*l.*<br>Witton, J. C., 21*l.* 10*s.* |
| 395 | Lanivet End. Sch. | XIV. | 1 | 0 | 0 | Downing, S. |
| 396 | Leamington, Spencer Street Sch. | V., XIV., XXIII. | 34 | 0 | 0 | Bennett, W. |
| 397 | Lee, Boys' Brit. Sch., Boone Street | VIII., X., XIV., XXIII. | 29 | 10 | 0 | Bruce, D., 7*l.*<br>Pitt, T. R., 22*l.* 10*s.* |
| 398 | Leeds, Chemists' Assoc. Ch. Inst. | XV. | 5 | 0 | 0 | Abbott, J. |
| 399 | „ Mech. Inst., Sch. of Art | I., II., III., V., X., XI., XIV., XIX., XXIII. | 217 | 0 | 0 | Ward, G., 46*l.*<br>Stevenson, A., 52*l.*<br>Hick, T., 1*l.*<br>Horsman, T., 75*l.*<br>Ash, M. A., 18*l.*<br>Gaunt, J., 11*l.*<br>Willcock, C., 14*l.* |
| 400 | „ Hunslet, St. Jude's Sch., Leathley Lane. | V., IX. | 12 | 0 | 0 | Wade, G. |
| 401 | „ Collegiate and Com. Sch. | VIII., IX., X. | 7 | 0 | 0 | Monckman, J. |
| 402 | „ St. Peter's Nat. Sch., Kirkgate. | V., XIV., XXIII. | 15 | 0 | 0 | Broscomb, J. H. |
| 403 | „ Wkg. Men's Hall | II. | 11 | 0 | 0 | Cryer, T. |
| 404 | „ Young Men's Christian Assoc. | XXIII. | 16 | 0 | 0 | London, T. |
| 405 | „ Middle Class Sch., Woodhouse Lane | V., VIII., IX., X., XXIII. | 166 | 10 | 0 | Smith, J., 5*l.*<br>Trachy, P. H., 97*l.*<br>Ison, E., 64*l.* 10*s.* |
| 406 | „ Middle Class Sch., Basinghall Street | | | | | |
| 407 | „ Board Sch., Burley Road. | VIII. | 8 | 0 | 0 | Welch, G. W. |
| 408 | „ Board Sch., Wintoun Street. | XXIII. | 14 | 0 | 0 | Holmes, E. |
| 409 | „ Nat. Sch., Buslingthorpe. | XXIII. | 1 | 0 | 0 | Harris, W. J. P. |
| 410 | „ St. Stephen's Sch. | V., XIV., XXIII. | 3 | 0 | 0 | Thompson, H. |
| 411 | Leek, Mech. Inst. | XIV. | 6 | 0 | 0 | Parker, W. |
| 412 | Leicester, St. Martin's Sch. | II., III., V., VI., VII., VIII., IX., X., XI., XXII., XXIII. | 128 | 10 | 0 | Atkins, E. |
| 413 | „ St. John's Nat. Sch., Sth. Albion Street. | XII., XXIII. | 17 | 0 | 0 | Hodges, L. |

* Including 16*l.* capitation grant.

Appendix B.

PAYMENTS TO SCIENCE TEACHERS.

Payments on the Results of the Science Examinations—*cont.*

| No. | School. | Subjects for which Payment was made. | Amount. £ | s. | d. | Names of Teachers. |
|---|---|---|---|---|---|---|
| 414 | Leicester, Town Museum | VIII., IX., X., XII., XIV., XXIII. | 89 | 10 | 0 | Harrison, W. J. |
| 415 | ,, Trinity Ch. Sch. | IX., XII., XXIII. | 61 | 0 | 0 | Amos, E. |
| 416 | ,, St. George's Sch. | XIV., XXIII. | 13 | 0 | 0 | Staines, L. |
| 417 | ,, Board Sch., Cumberland Street. | IX., XII., XIV., XXIII. | 37 | 0 | 0 | Hepworth, J. |
| 418 | ,, St. Matthew's Nat. Sch. | XIV. | 6 | 0 | 0 | Berry, C. H. |
| 419 | Leigh, Wes. Sch., West Leigh | VIII., XIV. | 9 | 0 | 0 | Leather, P. |
| 420 | Leighton Buzzard, Boys' Brit. Sch. | XXIII. | 7 | 0 | 0 | Lewis, E. W. |
| 421 | Lewisham, Cross Street Board Sch. | VIII., XII. | 37 | 0 | 0 | Pope, W. J. |
| 422 | ,, Congl. Sch. | IX., X. | 42 | 0 | 0 | Grigsby, W. S. |
| 423 | Lincoln Training Sch., Newport. | XII., XIV. | 73 | 0 | 0 | Nelson, Rev. H. |
| 424 | Lindley Mech. Inst. | IX., X. | 11 | 0 | 0 | Gardiner, A., 6*l.*<br>Ibberson, W., 5*l.* |
| 425 | Liskeard Lit. Inst. | XXI. | 7 | 0 | 0 | Corin, W. J. |
| 426 | Littleborough, Church of Eng. Sch. | I., II., III., IX., X., XIV., XXII. | 49 | 0 | 0 | Greaves, J. E. E., 21*l.*<br>Wild, J., 15*l.*<br>Dean, J., 13*l.* |
| 427 | Littlehampton Lecture Hall | X. | 8 | 0 | 0 | Davis, T. |
| 428 | Liverpool, Free Library and Museum | I., II., VII., XII., XIII., XIV., XVI., XVII., XXII. | 76 | 0 | 0 | Briant, A. J., 48*l.*<br>Semmons, W., 15*l.*<br>Lewis, J. T., 13*l.* |
| 429 | ,, Nat. Sch. Everton Valley. | VIII., IX. | 15 | 0 | 0 | Gordon, G. |
| 430 | ,, Inst., Mount Street | V., VI., VIII., IX., X., XIV., XV., XXIII. | 275 | 10 | 0 | Ewart, E. B., 139*l.* 10*s.*<br>Froysell, J., 32*l.*<br>Lewis, J. T., 52*l.*<br>Barrrow, J. H., 10*l.*<br>Owen, J. A., 18*l.*<br>Burton, J., 24*l.* |
| 431 | ,, Board Sch., Queen's Road | X. | 56 | 0 | 0 | Tate, A. N., 48*l.*<br>Hughes, H., 8*l.* |
| 432 | ,, Liverpool College, Shaw Street. | V., VI. | 16 | 0 | 0 | Butler, W. |
| 433 | ,, Royal Inst., Colquitt Street. | VIII., IX., X. | 26 | 0 | 0 | Davies, E., 7*l.*<br>Gordon, G., 19*l.* |
| 434 | ,, R. C. Trg. Coll. | XV., XXIII. | 114 | 0 | 0 | Lescher, F. M. -<br>Lescher, A. M. -<br>Lomax, E. -<br>(114*l.*) |
| 435 | ,, St. Peter's Nat Sch., Everton. | V., XXIII. | 10 | 0 | 0 | Freeman, W. J. |
| 436 | ,, Christ Ch. Sch., Everton. | XXIII. | 6 | 0 | 0 | Snowden, H |
| 437 | ,, St. Mary's Sch., Edgehill. | XXIII. | 17 | 0 | 0 | Russell, J. H. |
| 438 | ,, Sailors' Home | XX. | 4 | 0 | 0 | Gill, J. |
| 439 | ,, Great Homer Wes. Sch. | V., XXIII. | 14 | 0 | 0 | Brownscombe, W. |
| 440 | Llanelly Athenæum | I., II., VIII., XXII. | 58 | 0 | 0 | Jones, J. E. |
| 441 | ,, Sch., Goring Road | XXIII. | 33 | 0 | 0 | Jones, A. |
| | London :— | | | | | |
| 442 | Barnsbury, St. Clement's Sch. | XIV., XXIII. | 16 | 0 | 0 | Gardner, H. |
| 443 | Battersea Southlands Wes. Trg. Coll.<br>,, Pract. Sch. | IX., XIV., XV., XXIII. | 115 | 0 | 0 | Bailey, J., 45*l.*<br>Revell, E. A., 34*l.*<br>Oakes, A. A., 5*l.*<br>Prowse, A., 9*l.*<br>Swain, M., 22*l.* |

Payments on the Results of the Science Examinations—*cont.*



| No. | School. | Subjects for which Payment was made. | Amount. £ | s. | d. | Names of Teachers. |
|---|---|---|---|---|---|---|
| | London—*cont.* | | | | | |
| 444 | Battersea, St. John's Trg. Coll. and Prac. Sch. - | VI., VIII., IX., XIV., XXIII. - | 337 | 10 | 0 | Daniel, Rev. E., 12*l.*<br>Hobson, Rev E., 19*l.*<br>Hammonds, E., 103*l.* 10*s.*<br>Dickinson, W. J., 74*l.*<br>Piper, T., W., 29*l.*<br>Sandercock, T. B., 31*l.* |
| 445 | „ (West) Belmont Works | I., II., III., X. - | 45 | 0 | 0 | Smith, J. R., 18*l.*<br>Roberts, J., 9*l.*<br>Blacknell, E., 18*l.* |
| 446 | „ St. Philip's Bd. Sch., Lower Wandsworth Road - - | I., II., III., V., IX. - - | 57 | 0 | 0 | Harte, J., 17*l.*<br>Busbridge, W., 40*l.* |
| 447 | „ Shaftesbury Hall | I., II., III. - - | 37 | 0 | 0 | Bragg, W., 9*l.*<br>Jones, R. R., 28*l.* |
| 448 | „ Board Sch., Bolingbroke Road - - | IX., XXIII. - | 25 | 0 | 0 | Macdonald, R, F., 25*l.* |
| 449 | Bermondsey Board Sch., Monnow Rd. | VIII., IX., XIV., XXIII. - - | 64 | 0 | 0 | Simpson, B., 35*l.*<br>Payne, J., 29*l.* |
| 450 | Bethnal Green, Birkbeck Sch. | IX., X. - - | 41 | 0 | 0 | Pike, R. W. |
| 451 | „ „ Nat. Sch. | V., VIII., IX., XII., XIV., XV., XVI., XVII., XXIII. - | 152 | 0 | 0 | Simpson, B., 66*l.*<br>Moss, H., 86*l.* |
| 452 | „ „ St. James the Less Nat. Sch. | VIII., IX. - - | 34 | 0 | 0 | Holding, A., 20*l.*<br>Holding, T., 14*l.* |
| 453 | „ „ St. Matthias' Sch. | XXIII. - - | 5 | 0 | 0 | Wilson, B. |
| 454 | „ „ Wes. Day Sch. | VIII., XIV., XXIII. | 56 | 0 | 0 | Wells, W. G. |
| 455 | Bishopsgate, Upper Sch. - | V., VIII., IX., XIV., XXIII. - | 79 | 0 | 0 | Moore, E. W., 58*l.*<br>Thompson, W. T., 14*l.*<br>Johnson, B., 7*l.* |
| 456 | Borough Road Boys' Model Sch. -<br>„ „ Trg. Coll. | II., V., VI., IX., X., XIV. - | 630 | 10 | 0 | Gladman, F. J., 41*l.*<br>Treleaven, J. T., 28*l.*<br>Poyser, A. W., 3*l.*<br>Smith, A. F., 146*l.*<br>Curtis, I. C., 278*l.* 10*s.*<br>Barkby, E., 134*l.* |
| 457 | Bow, Old Ford Road Sci. Sch. | VIII., IX., XIV. - | 81 | 0 | 0 | Ames, J. Z. |
| 458 | „ Old Ford Board Sch., Atley Road. | XIV., XXIII. - | 9 | 0 | 0 | Pryer, W. S. |
| 459 | „ Tredegar Road Sch. | XIV. - - | 30 | 0 | 0 | Clews, J. H. |
| 460 | „ North Bow Sch., Armagh Road. | II., III. - - | 3 | 0 | 0 | Saunders, J. |
| 461 | „ Bow and Bromley Institute. | II., III. - - | 5 | 0 | 0 | Saunders, J. |
| 462 | „ North Bow Board Sch. | IX., XXIII. - | 81 | 0 | 0 | Price, E. A. |
| 463 | Bromley, St. Leonard's Sch. | IX., XXIII. - | 41 | 0 | 0 | Thompson, J. J. |
| 464 | Camden Town, St. Matthew's Nat. Sch. | XIV., XXIII. - | 12 | 0 | 0 | Brooke, L. C. |
| 465 | Camberwell St. John's Middle Class Sch. | V. - - - | 6 | 0 | 0 | Hayes, G. |

Appendix B.

PAYMENTS TO SCIENCE TEACHERS.

Payments on the Results of the Science Examinations—*cont.*

| No. | School. | Subjects for which Payment was made. | Amount. £ s. d. | Names of Teachers. |
|---|---|---|---|---|
| | London—*cont.* | | | |
| 466 | Chancery Lane, Birkbeck Lit. and Sci. Inst. | I., II., III., V., VI., VII., VIII., IX., X., XII., XIV., XV., XVI., XVII., XX., XXII., XXIII. | 415 10 0 | Wilson, W. J., 152*l.*<br>Davy, W., 22*l.*<br>Vaughan, W., 48*l.*<br>Challoner, G., 42*l.* 10*s.*<br>Fisher, H., 28*l.*<br>Aveling, E. B., Gwinnell, W. F., 21*l.*<br>Slade. J., 6*l.*<br>Fell, J. C., 73*l.*<br>Angel, H., 23*l.* |
| 467 | Chelsea, Onslow Coll. | I., II., III., V., VII., VIII., IX., X., XI., XII., XIV., XVI., XVII., XIX., XXII., XXIII. | 141 10 0 | Martin, W. H., 95*l.* 10*s.*<br>Symons, C., 21*l.*<br>Dalley, H., 13*l.*<br>Earp, F. S., 5*l.*<br>Hodgkinson, W. R., 3*l.*<br>Reatchlous, H. A., 4*l.* |
| 468 | „ Boys' Sch., Draycott St., Sloane Street | II., III., VIII., IX., XII., XIV., XXIII. | 79 0 0 | West, W., 5*l.*<br>Gwinnell, W. F., 18*l.*<br>Stokoe, R., 11*l.*<br>Richardson, F. C. 45*l.* |
| 469 | „ St. Mark's Coll.<br>„ St. Mark's Coll. Sch. | V., VI., VIII., IX., XII., XXIII. | 251 10 0 | Atkins, Rev. G., 36*l.*, with Heap, 88*l.* 10*s.*<br>Heap, H., 30*l.*<br>Honeybourne, J. C., 43*l.*<br>Lawson, W., 47*l.*<br>Bowden, C. H., 7*l.* |
| 470 | „ Whiteland's Coll.<br>„ Whiteland's Sch. | XIV., XV., XXIII. | 184 0 0 | Faunthorpe, Rev. J. P., 43*l.*<br>Gillott, M., 38*l.*<br>Stanley, K., 2*l.*<br>Bailey, M., 80*l.*<br>Frost, M.<br>Cole, S. 21*l.* |
| 471 | „ Women's Educl. Union, Brompton Road. | XIV. | 14 0 0 | Macomish, M. A. I., 14*l.* |
| 472 | City Road, Radnor Street Sch. | I., II., III., V., VIII., IX., XII., XIV., XXIII. | 109 0 0 | Jesseman, E., 37*l.*<br>Byatt, H., 10*l.*<br>Skinner, W. E., 9*l.*<br>Tanner, F. A., 53*l.* |
| 473 | „ „ Bath Street Board Sch. | IX., XII., XIV. | 37 0 0 | Clarke, G. J. |
| 474 | „ „ Whitfield Tabernacle Sch., Tabernacle Row | IX., XIV. | 37 0 0 | Spratling, W. J., 33*l.*<br>Harris, J., 4*l.* |
| 475 | Clapham, Christ Ch. Sch., Union Grove. | XXIII. | 3 0 0 | Easton, H. T. |
| 476 | Commercial Road, Berner Street Board Sch. | XII., XXIII. | 13 0 0 | Hines, E. |
| 477 | Dalston, Brownlow Road Private Sch. | VIII., IX., XIV. | 14 0 0 | Holding, A. |
| 478 | „ Bay Street Sch. | XIV. | 2 0 0 | Crook, F. J. |
| 479 | Goswell Road, St. Thomas' Charterhouse | I., V., VI., VIII., IX., X., XII., XIV., XV., XVI., XXIII. | 687 10 0 | Groves, Rev. C. W., 54*l.*<br>Simpson, B., 167*l.*<br>Payne, J., 238*l.*<br>Smith, C., 13*l.*<br>Moss, H., 101*l.*<br>Spratling, W. J., 78*l.* 10*s.*<br>Speight, A., 38*l.* |

Payments on the Results of the Science Examinations—*cont.*

| No. | School. | Subjects for which Payment was made. | Amount. £ | s. | d. | Names of Teachers. |
|---|---|---|---|---|---|---|
| | London—*cont.* | | | | | |
| 480 | Gray's Inn Road, St. Bartholomew's. | XIV. | 6 | 0 | 0 | Town, E. H. |
| 481 | Hackney, St. Thomas' Square Schs. | XIV., XXIII. | 5 | 0 | 0 | Bond, G., 2*l.*<br>Crook, F. J., 3*l.* |
| 482 | „ Fellowes Street Sch., Weymouth Ter. | XXIII. | 10 | 0 | 0 | Inch, H. A. |
| 483 | „ The Board Sch. | V., X., XII., XIV., XXIII. | 42 | 0 | 0 | Bond, G., 27*l.*<br>Crook, F. J., 5*l.*<br>Runtz, W., 8*l.*<br>Hill, H., 2*l.* |
| 484 | „ (South) Baptist Chapel. | XIV., XV. | 21 | 0 | 0 | Drew, G. C. |
| 485 | Hammersmith, Broadway Lec. Hall | II., III. | 16 | 0 | 0 | Whitman, H. J., 8*l.*<br>Wylie, J. C., 8*l.* |
| 486 | „ Trg. Coll., Brook Green | IX., XII., XIV. | 249 | 0 | 0 | Graham, Rev. T. 76*l.*<br>Enright, J., 100*l.*<br>Mooney, E., 73*l.* |
| 487 | „ St. John's Nat. Sch. | V., XXIII. | 17 | 0 | 0 | Bottle, E. |
| 488 | Haverstock Hill, Orphan Wkg. Sch. | I., V., VIII., XV., XXIII. | 246 | 0 | 0 | Smith, W., 138*l.*<br>Fox, J., 74*l.*<br>Hunt, R., 34*l.* |
| 489 | Highbury Wes. Sch. | VIII., IX. | 13 | 0 | 0 | Hall, J. |
| 490 | Holloway, St. John's Youths' Inst., Upper Holloway | I., V., IX., X., XIV. | 29 | 10 | 0 | Lee, H., 14*l.*<br>Hickin, H., 7*l.*<br>Dronfield, J., 8*l.* 10*s.* |
| 491 | Holloway, Holloway College | VIII., IX., XIV., XXIII. | 100 | 0 | 0 | Bourke, W. R. 66*l.*<br>Clarke, G. J., 13*l.*<br>Lee, H., 21*l.* |
| 492 | Homerton Trg. Coll.<br>„ Coll. Sch. | II., V., VI., VIII., XII., XIV., XV., XXIII. | 134 | 0 | 0 | Powell, J. T., 26*l.*<br>Todd, T., 25*l.*<br>Liddell, E., 73*l.*<br>Byatt, H., 5*l.* |
| 493 | „ Wes. Sch. | XXIII. | 15 | 0 | 0 | Gardner, T. |
| 494 | Hoxton, Holy Trin. Schs. | VIII., IX., XIV., XXIII. | 31 | 0 | 0 | Thrower, H. J. |
| 495 | „ St. John's Nat. Sch. | I., II., III. | 6 | 0 | 0 | Parry, P. |
| 496 | „ Wes. Sch., Mintern Street | I., II., III., XIV. | 30 | 0 | 0 | Ellercamp, H. G., 16*l.*<br>Moss, H., 14*l.* |
| 497 | „ Academy Sch. | VIII., IX., XXIII. | 45 | 0 | 0 | Holding, T. |
| 498 | Islington Brit. Sch. | X., XIV. | 49 | 10 | 0 | Trayes, F. C. |
| 499 | „ Sch. of Sci. and Art, Windsor Street | I., II., V., VI., VII., VIII., IX., X., XIV. | *239 | 0 | 0 | Howard, J., 124*l.*<br>Angell, H., 101*l.* |
| 500 | „ Barnsbury Youths' Inst. | I., II., III., V., VIII., IX., X., XI., XII., XIV., XXIII. | 185 | 0 | 0 | Fairmaner, W. 34*l.*<br>Meyer, C., 65*l.*<br>Payne, J., 35*l.*<br>Bond G., 31*l.*<br>Faulkner, Joseph 20*l.* |
| 501 | „ All Saints Boys' Sch. | XIV., XXIII. | 21 | 0 | 0 | Town, E. C. |
| 502 | „ Hemingford Hall. | X., XIV., XXIII. | 64 | 0 | 0 | Meyer, C |
| 503 | „ NewChurch Coll. | XIV., XXIII. | 17 | 0 | 0 | Richardson, F. C. |
| 504 | Kensington Brit. Sch. | I., II., III., V., IX., XXII., XXIII. | 58 | 0 | 0 | Smith, J. R., 1*l.*<br>Harland, A., 14*l.*<br>Davies, S. W., 14*l.*<br>Palmer, J. C., 13*l.*<br>Gordon, F. M., 16*l* |
| 505 | Kentish Town Trg. Sch., Wilkin Street. | XXIII. | 7 | 0 | 0 | Youngman, H. S. |
| 506 | Kentish Town Board Sch., Hawley Crescent. | VIII., XXIII. | 18 | 0 | 0 | Payne, J. |
| 507 | Kentish Town Wesleyan Sch. | XXIII | 5 | 0 | 0 | Hockey, A. K. |

* Including 14*l.* capitation grant.

Appendix B.

PAYMENTS TO SCIENCE TEACHERS.

## Payments on the Results of the Science Examinations—*cont.*

| No. | School. | Subjects for which Payment was made. | Amount. £ | s. | d. | Names of Teachers. |
|---|---|---|---|---|---|---|
| | London—*cont.* | | | | | |
| 508 | Kilburn, St. Augustine's Sch. | I., III. | 12 | 0 | 0 | Ellercamp, H. G.<br>Busbridge, W. |
| 509 | Kingsland, North London Sch. of Art. | I II., III. | 18 | 0 | 0 | Swinstead, C. |
| 510 | „ Birkbeck Sch., Colveston Crescent | IX., X., XXIII. | 34 | 10 | 0 | Adcock, J. H., 18*l.*<br>Rüntz, W., 16*l.* 10*s.* |
| 511 | „ Middle Class Sch. | V., IX. | 59 | 0 | 0 | Holding, T., 58*l.*<br>Dowling, W. E. H., 1*l.* |
| 512 | Knightsbridge, Albert Wkg. Men's Club. | I., II., VII., VIII., IX., XIV. | 15 | 0 | 0 | Davies, S. W. |
| 513 | Lambeth, Boys' Sch. | I., II., III., IX., XXIII. | 154 | 0 | 0 | Busbridge, W., 131*l.*<br>Harte, J., 9*l.*<br>Hewitt, W., 14*l.* |
| 514 | „ St. Andrew's Upper Boys' Sch. | V. | 6 | 0 | 0 | Gardiner, Thos. |
| 515 | Leadenhall Street, City of London College | II., III., V., IX., X., XII., XIV. | 110 | 0 | 0 | Adams, H., 21*l.*<br>Clarkson, F., 6*l.*<br>Eltoft, T., 63*l.*<br>Northey, J., 14*l.*<br>West, W., 6*l.* |
| 516 | Limehouse, St. Anne's Nat. Sch. | V. XXIII. | 15 | 0 | 0 | Northey, J. |
| 517 | „ Northy St. Board Sch. | II., XXII. | 5 | 0 | 0 | Philips, T. W. |
| 518 | „ St. John's Sch. | XII., XXIII. | 13 | 0 | 0 | Clifton, C. F. |
| 519 | Marylebone Central Sch. | IX. | 11 | 0 | 0 | Harris, G. |
| 520 | „ Quebec Inst. | I., III., V., VIII., IX., X., XIV. | 85 | 0 | 0 | Byatt, H., 7*l.*<br>Hardy, J., 33*l.*<br>West, W., 13*l.*<br>Dronfield, J., 29*l.*<br>Clarke, G. W., 3*l.* |
| 521 | „ St. Andrew's Par. Sch. | I., II., III. | 60 | 0 | 0 | Busbridge, W. |
| 522 | Mile End, New Town, Schoolroom | I., VIII., IX., XIV., XXIII. | 22 | 0 | 0 | Holding, A., 9*l.*<br>Filer, C., 2*l.*<br>Strickland, J. W., 11*l.* |
| 523 | Mile End Road, Private Sch. | XIV., XXIII. | 34 | 0 | 0 | Youngman, H. S. |
| 524 | Millwall Board School | I., II. | 9 | 0 | 0 | Philips, G. |
| 525 | New Kent Road, St. Matthew's Sch. | XXIII. | 9 | 0 | 0 | Griffiths, T. |
| 526 | Notting Hill Board Sch. | VIII., IX., X. | 21 | 0 | 0 | Humpidge, T. S. |
| 527 | Old Kent Road, Christ Ch. Nat. Sch. | XIV., XXIII. | 13 | 0 | 0 | Crossley, C. J., 11*l.*<br>Williams, J. A., 2*l.* |
| 528 | Old Street, St. Luke's Par. Sch. | V., XIV., XV., XXII., XXIII. | 88 | 0 | 0 | Snoxell, E. |
| 529 | Paddington, St. Michael's Boys' Sch. | II. | 1 | 0 | 0 | McCarty, W. W. |
| 530 | „ St. James' Nat. Sch. | XIV., XXIII. | 41 | 0 | 0 | Garrett, C.W., 24*l.*<br>McRae, C., 17*l.* |
| 531 | „ Boatmen's Inst. | I., III. | 54 | 0 | 0 | Busbridge, W. |
| 532 | Peckham, Wes. Sch. | I., II., III., V., VIII., IX., XXIII. | 130 | 0 | 0 | Faulkner, J. |
| 533 | „ Brit. Sch. | XII., XIV. | 9 | 0 | 0 | Balchin, R., 5*l.*<br>Ballantine, E., 4*l.* |
| 534 | Pimlico, St. Barnabas Boys' Sch. | IX., XII. | 30 | 0 | 0 | Stephens, H., 21*l.*<br>Harte, J., 9*l.* |
| 535 | „ St. Michael's Sch. | I., II., IX. | 14 | 0 | 0 | Harte, J., 4*l.*<br>Slingo, W., 10*l.* |
| 536 | „ Wes. Sch. | XXIII. | 11 | 0 | 0 | Willans, J. A. |
| 537 | Poplar, All Saints Boys' Nat. Sch. | II., V., XIV., XXIII. | 16 | 0 | 0 | Moakson, T. J. |
| 538 | „ St. Mary's Sch. | XII., XIV., XXIII. | 49 | 0 | 0 | Bowles, J., 30*l.*<br>Munro, J. J., 19*l.* |
| 539 | „ Trinity Board Sch. | XII., XXIII. | 12 | 0 | 0 | Calver, A. |
| 540 | „ St. Saviour's Nat. Sch. | XII., XIV., XXIII. | 12 | 0 | 0 | Colchester, C., 5*l.*<br>Kemp, A. E., 7*l.* |

Payments on the Results of the Science Examinations—*cont.*



| No. | School. | Subjects for which Payment was made. | Amount. £ | s. | d. | Names of Teachers. |
|---|---|---|---|---|---|---|
| | London—*cont.* | | | | | |
| 541 | Ratcliff Board Sch. | XIV., XXIII. | 14 | 0 | 0 | Howard, N. |
| 542 | Regent Street, Royal Polytechnic Inst. | IX., X., XIV. | 57 | 10 | 0 | Hardy, J., 29*l.*<br>Eltoft, T., 28*l.* 10*s.* |
| 543 | Somers Town Brit. Sch. | I., II., III., XXIII. | 84 | 0 | 0 | Clark, H. J., 7*l.*<br>Busbridge, W., 77*l.* |
| 544 | South Bromley St. Michael's, Bright Street | X., XIV., XXIII. | 53 | 0 | 0 | Wild, R., 22*l.*<br>Moss, H., 31*l.* |
| 545 | South Lambeth, St. Barnabas Sch. | I., II., III. | 28 | 0 | 0 | Ellercamp, H. |
| 546 | Southwark, Swan St. Nat. Sch. | I., II., III. | 15 | 0 | 0 | Parry, P. |
| 547 | „ Wes. Sch., Chapel Place | I., II., XXIII. | 30 | 0 | 0 | Faulkner, J., 16*l.*<br>Leary, T. G., 14*l.* |
| 548 | „ St. Saviour's Par. Sch. | XXIII. | 2 | 0 | 0 | Quance, G. A. |
| 549 | Stepney Meeting Sch. | V., VI., XIV., XV., XVI., XVII. | 26 | 0 | 0 | Beeston, J. |
| 550 | „ Mile End Old Town Sch. | I., VIII., IX., XXIII. | 55 | 0 | 0 | Payne, J. |
| 551 | „ Boys' Board Sch., Gloster Street. | VIII., IX., XIV. | 28 | 0 | 0 | Bradford, J., 19*l.*<br>Jones, J., 9*l.* |
| 552 | „ Girls' Board Sch., Gloster Street | XXIII. | 5 | 0 | 0 | Harris, Sarah E. |
| 553 | „ St. Paul's Sch. | V., XII., XXIII. | 17 | 0 | 0 | Maddock, G. |
| 554 | „ Board Sch., Jonson Street. | I., II., III. | 8 | 0 | 0 | Parry, P. |
| 555 | „ John Knox Sch., Oxford Street. | XIV. | 4 | 0 | 0 | Grant, A. |
| 556 | Stockwell Training Coll. | XIV., XV., XXIII. | 151 | 0 | 0 | Johnson, C., 76*l.*<br>Steele, F. A., 10*l.*<br>Stoker, J., 33*l.*<br>Close, S., 32*l.* |
| 557 | Stoke Newington, Milton Road Sch., S. Hornsey. | XIV. | 9 | 0 | 0 | Cornish, W. H. |
| 558 | Vauxhall, L. and S. W. R. Lit. Inst. | I., II., III. | 22 | 0 | 0 | Parry, P. |
| 559 | Victoria Park, St. John's Sch. | XIV. | 3 | 0 | 0 | Wenman, T. H. |
| 560 | Walworth, Lit. and Sci. Inst. | VIII., IX. | 11 | 0 | 0 | Clements, Hugh. |
| 561 | „ Board Sch., Westmoreland Rd. | IX., XIV. | 36 | 0 | 0 | Burgess, J. |
| 562 | Wandsworth, Girls' Brit. Sch., Frogmore. | XXIII. | 6 | 0 | 0 | Brightwell, J. |
| 563 | „ R. C. Trg. Coll. | XXIII. | 11 | 0 | 0 | Power, A. |
| 564 | Westbourne Park, St. Stephen's Sch., 91, Westbourne Park Road. | XIV., XXIII. | 25 | 0 | 0 | Walker, J. |
| 565 | Westbourne Park, Chapel Sch., Lancaster Road. | XIV. | 7 | 0 | 0 | Benians, W. A. |
| 566 | Westminster, Wes. Trg. Coll. | V., VIII., IX., X., XIV., XV., XX., XXIII. | 643 | 0 | 0 | Sugden, W., 114*l.*<br>Kinton, J. L., 109*l.*<br>Laugler, J. R., 75*l.*<br>Mansford, C., 99*l.*<br>Chapple, F., 105*l.*<br>Cowham, J. H., 49*l.*<br>Reatchlous, H. A., 42*l.* |
| 567 | „ St. James the Less | I., II., III. | 91 | 0 | 0 | Busbridge, W. |
| 568 | „ St. Margaret's Parochial Sch., Tothill Street. | XXIII. | 11 | 0 | 0 | Fedarb, E. H. |
| 569 | „ St. Stephen's Nat. Sch. | I., III., V., X., XXIII. | 20 | 0 | 0 | Plowright, H., 10*l.*<br>Whitehouse, H. J., 2*l.*<br>Jones, R. R., 6*l.*<br>Baker, W. H., 2*l.* |
| 570 | „ Grosvenor W. M. C., Buckingham Palace Road. | III. | 1 | 0 | 0 | Miller, A. J. |

Appendix B.

PAYMENTS TO SCIENCE TEACHERS.

## Payments on the Results of the Science Examinations—*cont.*

| No. | School. | Subjects for which Payment was made. | Amount. £ s. d. | Names of Teachers. |
|---|---|---|---|---|
| | London—*cont.* | | | |
| 571 | Westminster, St. Margaret's Tech. Sch., Artillery Row | V., VI., VIII., X. | 94 0 0 | Goffin, R, E. H., 86*l.*; Henchie, J., 8*l.* |
| 572 | Westminster Bridge Road, Yorkshire Society's Sch. | X., XI., XXIII. | 136 0 0 | Robinson, J. |
| 573 | Whitechapel Society's Sch., St. Mary's Street. | XXIII. | 6 0 0 | Harrison, A. |
| 574 | „ St Mark's Nat. Sch. | XXIII. | 2 0 0 | Lovell, A. |
| 575 | Longwood Free Gram. Sch. | X. | 2 0 0 | Bolton, J. E. |
| 576 | Loughor Nat. Sch. | XXIII. | 17 0 0 | Higham, R. H. |
| 577 | Loughborough, Lancasterian Boys' Sch. | V., VI. | 6 0 0 | Wilde, S. |
| 578 | Luton Town Hall | II., IX., XII. | 18 0 0 | Dony, J., 14*l.*; Saunders, J., 1*l.*; Billingham, E., 3*l.* |
| 579 | Lutterworth, Sherrier's Sch. | V., IX. | 19 0 0 | Binns. A. |
| 580 | Macclesfield, Modern Free Sch. | X., XXIII. | 32 10 0 | Jackson, J. |
| 581 | Maidstone Middle Class Boys' Sch. | | | |
| | „ Middle Class Girls' Sch., Earl Street | VIII., IX., XIV. | 105 0 0 | Thornhill, J. |
| 582 | „ All Saints' Youths' Inst. | XXIII. | 15 0 0 | Browne, W. J. |
| 583 | „ Wes. Sch. | XIV. | 7 0 0 | Smith, R. |
| 584 | Mallwyd, Ch. of Eng. Sch. | V., X., XI., XII., XIV., XXIII. | 62 10 0 | Hughes, E. |
| 585 | Malvern (North) Nat. Sch. | XIV., XXIII. | 6 0 0 | Allberry, E. |
| 586 | Malvern Link Nat. Sch. | XIV., XXIII. | 13 0 0 | Miller, F. |
| 587 | Manchester Gram. Sch. | I., II., III., V., VI., VII., VIII., IX., X., XI., XIV., XIX., XXII., XXIII. | *548 0 0 | Adair. S., 62*l.*; Angell, J., 75*l.*; Bourne, C. F., 11*l.*; Bewsher, S., 20*l.*; Chambers, Rev. J., 56*l.*; Edwards, S., 31*l.*; Harris, R., 2*l.*; Hill, Rev. J. H., 28*l.*; Jones, F., 118*l.*; Pritchard, Z., 61*l.*; Simmons, C., 21*l.*; Start, T. W. K., 1*l.*; Style, J., 11*l.*; Taylor, R. L., 14*l.*; Wareham, F., 17*l.* |
| 588 | „ Building Trades Inst., St. John's Sch. | I., III. | 17 10 0 | Monks, P., 5*l.* 10*s.*; Parnell, W., 12*l.* |
| 589 | „ Hulme Domestic Mission Sch.-room. | I., III. | 29 0 0 | Battye, Joseph. |
| 590 | „ Hulme St. John Baptist Sch. | XIV. | 2 0 0 | Hardman, J. |
| 591 | „ St. Mark's Ch. Inst. | II., IX., X. | 24 10 0 | Woodhead, E., 15*l.* 10*s.*; Booth, W. S., 9*l.* |
| 592 | „ Hulme, St. Michael's Sch. | V. | 1 0 0 | Pepper, C. |
| 593 | „ Hulme Wkg. Men's Inst. | I., II., V. | 23 0 0 | Jones, T. |
| 594 | „ Mech. Inst., David Street | I., II., III., V., VI., VII., VIII., IX., X., XIV., XXII., XXIII. | †322 10 0 | Brewer, R. F., 103*l.* 10*s.*; Watts, W. A., 44*l.*; Spriggs, C., 91*l.*; Dodgson, W., 36*l.*; Graham, T., 19*l.*; Parnell, G., 18*l.* |
| 595 | „ Cheetham, St. John's Sch. | VIII. | 13 0 0 | Napper, E. W. |

* Including 20*l.* capitation grant. † Including 11*l.* 10*s.* capitation grant.

Payments on the Results of the Science Examinations—*cont.*

| No. | School. | Subjects for which Payment was made. | Amount. £ s. d. | Names of Teachers. |
|---|---|---|---|---|
| 596 | Manchester, St. Wilfred's R. C. Sch., Rutland Street. | VIII., IX. | 34 0 0 | Corrigan, T. |
| 597 | „ Wes. Day Sch., 50, Chancery Lane, Ardwick. | V. | 3 0 0 | Newbold, J. A. |
| 598 | „ Schoolmaster's Class, New Jerus. Sch., Peter Street | VIII., IX., X., XIV., XXIII. | 80 10 0 | Angell, J., 16*l.*<br>Gee, W., 53*l.*<br>Riley, J., 11*l.* 10*s.* |
| 599 | „ Peter Street Schs. | V., XIV., XXIII. | 79 0 0 | Scotson, J., 61*l.*<br>Grindle, T., 18*l.* |
| 600 | „ Presbyterian Schs., Ancoats | I., II., III., IX., X. | 51 10 0 | Stott, H., 33*l.*<br>Richardson, H., 18*l.* 10*s.* |
| 601 | „ Sch. of Art. Roy. Inst. | III. | 5 0 0 | Mahir, Thos. |
| 602 | „ St. Philip's Sch. | XXIII. | 8 0 0 | Elliott, T. |
| 603 | „ St. Thomas's Sch., Ardwick. | XXIII. | 3 0 0 | Booth, J. |
| 604 | „ Dom. Mission Sch., Rochdale Road | II., V., IX., XXIII. | 31 0 0 | Bradley, J., 20*l.*<br>Bradley, T., 11*l.* |
| 605 | „ St. Clement's Boys' Sch. | XXIII. | 2 0 0 | Christie, R. W. D |
| 606 | „ Young Men's Chr. Assoc., Piccadilly<br>„ Young Men's Chr. Assoc., Queen's Road | XIV. | 16 0 0 | Corns, J. W. |
| 607 | Mansfield Mech. Inst. | II., VI., XXIII. | 38 0 0 | Tyrer, J. S., 18*l.*<br>Tyrer, R., 20*l.* |
| 608 | Market Harborough Brit. Sch. | IX. | 12 0 0 | Robinson, A. |
| 609 | Maryport Nat. Sch, | XIV. | 5 0 0 | Bailey, J. B. |
| 610 | Masham Gram. Sch. | X., XXIII. | 22 0 0 | Crawley, Rev. S. |
| 611 | Matlock Bath Nat. Sch. | IX., XII. | 38 0 0 | Rowland, G. J. |
| 612 | Melksham, Lowbourne Road Brit. Sch. | X., XII., XIII., XXIII. | 13 10 0 | George, T. |
| 613 | Meltham Mills Nat. Sch. | XXIII. | 8 0 0 | Jacobs, W. |
| 614 | Melton Mowbray, Ch. Free Sch. | XIV. | 4 0 0 | Hodgson, J. J. |
| 615 | Mereclough (near Burnley) Wes. Sch. | VIII., XXIII. | 7 0 0 | Bockin, C. D. |
| 616 | Merthyr Tydvl, Dowlais Ivor Sch.<br>„ Abermorlais Board Sch. | V., VI., VIII., IX., X., XII., XIV., XXIII. | 20 10 0 | Lyons, M. J. |
| 617 | „ St. David's Nat. Sch. | VIII., XIV., XXIII. | 12 0 0 | Jolliffe, H. |
| 618 | „ Cyfarthfa Sch. | VIII., XIV. | 3 0 0 | Beavis, J. |
| 619 | „ Penydarren Board Sch. | XIV. | 5 0 0 | Lyons, M. J. |
| 620 | Middlesboro'-on-Tees, Sch. of Art, Mech. Inst. | X. | 5 0 0 | Bettel, W. |
| 621 | Middleton (Manchester), Gram. Sch., Irk Street | II., III. | 8 0 0 | Pritchard, Z.<br>Crowther, W. E. } 8*l.* |
| 622 | Millbrook Sunday Sch. | XIV. | 2 0 0 | Brierley, J. |
| 623 | Milford (Derby) Brit. Sch. | VIII., XXIII. | 41 0 0 | Chadwick, J. |
| 624 | Milnrow, Branch Store, Kiln Street. | X., XIV. | 5 0 0 | Dean, Jno. |
| 625 | Mirfield Wes. Sch. | I., II., X. | 17 0 0 | Osborne, N. H. |
| 626 | „ Gram. Sch. | V., X., XXIII. | 10 0 0 | Green, G. |
| 627 | Mortlake Nat. Sch. | XIV. | 2 0 0 | Leaney, T. |
| 628 | Mossley Mech. Inst. | I., II. | 3 0 0 | Cook, T.<br>Kershaw, T. |
| 629 | Nelson in Marsden, Lomeshaye Sch. | VIII., IX. | 25 0 0 | Ashworth, J. |
| 630 | Nelson in Marsden, Great Marsden Nat. Sch. | V., XXIII. | 11 0 0 | Exley, J. |
| 631 | Newark-on-Trent Mech. Inst. | IX., X., XXIII. | 23 0 0 | Major, H. |

Appendix B.

PAYMENTS TO SCIENCE TEACHERS.

Payments on the Results of the Science Examinations—*cont.*

| No. | School. | Subjects for which Payment was made. | Amount. £ | s. | d. | Names of Teachers. |
|---|---|---|---|---|---|---|
| 632 | Newcastle-on-Tyne, Mech. Inst., Elswick. | I., II., III., V., VI., VII., VIII., IX., X., XI., XXII. | 291 | 0 | 0 | Rowden, W. T. |
| 633 | Newcastle-on-Tyne, Mech. Inst., New Bridge Street - | I., II., III., V., VI., VII., IX., X., XXII. | 113 | 0 | 0 | Ross, J. A. G., 91*l.*<br>Robson, W. H. 17*l.*<br>Goldie, E., 5*l.* |
| 634 | Newcastle on-Tyne, Sch. of Art, Museum Place. | II., III. - - | 5 | 0 | 0 | Way, W. C. |
| 635 | Newcastle-on-Tyne, Ch. of Eng. Inst., Percy Street. | XXIII. - - | 6 | 0 | 0 | Corder, F. H. |
| 636 | Newcastle-under-Lyme, Endowed Mid. Sch., Higherland. | V. - - - | 2 | 0 | 0 | Brade, T. H. |
| 637 | Newcastle-under-Lyme, Wes. Sch., School Street. | XXIII. - - | 4 | 0 | 0 | Taylor, E. |
| 638 | New Church Mech. Inst. - | XIV., XXIII. - | 6 | 0 | 0 | Bax, Robert. |
| 639 | New Cross, Board Sch., Clifton Road - - - - | VIII., IX., X., XXIII.- - | 69 | 10 | 0 | Collins, G., 41*l.*<br>Runciman, J., 28*l.* 10*s.* |
| 640 | Newport (Mon.), Pillgwenlly Wes. Sch. | VIII., XIV., XXIII. | 13 | 0 | 0 | Taylor, H. |
| 641 | „ Free Library, Savings' Bank Chambers - - | I., II., III., V., VII., VIII., XXII.- - | 58 | 0 | 0 | Bush, W., 41*l.*<br>Taylor, H., 17*l.* |
| 642 | Newton-le-Willows, St. Peter's Sch. | IX. - - - | 15 | 0 | 0 | Foister, J. S. |
| 643 | Newton Heath Brit. Sch., Droylsden Road. | V., XIV., XXIII. - | 42 | 0 | 0 | Lakin, R. |
| 644 | Newtown Nat. Sch. - - | V., X., XII., XXIII. | 13 | 0 | 0 | Stanton, G. H. |
| 645 | Northampton Sch. of Sci., Corn Exchange, Waterloo | V., VIII., IX., X., XI., XIV., XXIII. - - | 109 | 10 | 0 | Lees, C., 73*l.* 10*s.*<br>Thompson, B., 30*l.*<br>Thompson, F. C., 6*l.* |
| 646 | North Ormesby Church Inst. | II. - - - | 7 | 0 | 0 | Smith, E. J. |
| 647 | North Shields, Free Library | II., III. - - | 10 | 0 | 0 | Way, W. C. |
| 648 | „ Ch. Ch. Sch., Albion Rd. | XIV., XXIII. - | 6 | 0 | 0 | Urpeth, W. |
| 649 | „ Kettlewell Sch., George Street. | II., V., XXIII. - | 19 | 0 | 0 | Pybus, J. |
| 650 | Norwich, Presbyterian Sch. - | V., X. - - | 18 | 10 | 0 | Wright, J. D. |
| 651 | „ St. Mark's Boys' Sch. | VIII., XXIII. - | 20 | 0 | 0 | Trollope, A. |
| 652 | „ Boys' Model Sch. - | V., VIII., IX., XII., XIV., XXIII. | 95 | 0 | 0 | Leader, L. M. |
| 653 | „ St. Philip's Nat. Sch. Paragon Hill, Heigham. | V., VIII., IX., XIV., XXIII. | 30 | 0 | 0 | Smith, E. |
| 654 | „ Chemists Assist. Assoc., Dukes Place Yard - | V., X., XV. - | 23 | 0 | 0 | Piper, W. G., 18*l.*<br>Lansdell, W., 5*l.* |
| 655 | Nottingham Mech. Inst - | I., II., III., V., VI., VIII., IX., X., XII., XIV., XV., XVII., XXII., XXIII. - | 127 | 10 | 0 | Major, H., 64*l.*<br>Webster, G. E., 23*l.*<br>Smith, J., 5*l.*<br>Copley, J., 30*l.* 10*s.*<br>Wilson, E., 5*l.* |
| 656 | „ St. Ann's Nat. Sch. | IX., XIV., XXIII. - | 30 | 0 | 0 | Spenser, F. H. |
| 657 | „ St. Saviour's Sch. | II., VII., VIII., IX., X., XIV., XV., XXIII. - | 74 | 0 | 0 | Radford, J. W., 27*l.*<br>Radford, W., 47*l.* |
| 658 | „ All Saints' Boys' Sch., Raleigh Street. | XIV., XXIII. - | 6 | 0 | 0 | Gaskell, W. |
| 659 | „ Wes. Day Sch., Arkwright St. | XXIII. - - | 4 | 0 | 0 | Bedford, J. |
| 660 | „ Lenton Nat. Sch. | VIII., XXIII. - | 5 | 0 | 0 | Whitwell, W. |
| 661 | „ Board Sch. - | XXIII. - - | 7 | 0 | 0 | Angrave, A. H. |
| 662 | „ St. Mary's Class Room. | XIV. - - | 3 | 0 | 0 | Harford, A. |

Payments on the Results of the Science Examinations—*cont.*

Appendix B.

PAYMENTS TO SCIENCE TEACHERS.

| No. | School. | Subjects for which Payment was made. | Amount. £ | s. | d. | Names of Teachers. |
|---|---|---|---|---|---|---|
| 663 | Nottingham Congl. Inst. | VIII., XIV. | 10 | 0 | 0 | Paton, J. B., Rev. |
| 664 | „ Brit. Sch., New Radford. | XXIII. | 3 | 0 | 0 | Lishman, R. |
| 665 | Oldbury Nat. Sch. | II. | 4 | 0 | 0 | Spencer, P. |
| 666 | Oldham, Glodwick Mut. Imp. Soc. | I., II., VII. | 7 | 0 | 0 | Kershaw, T., 2*l.*<br>Lord, T., 5*l.* |
| 667 | „ Sci. and Art Sch. | I., II., III., V., VI., VII., VIII., IX., X., XXII. | 147 | 10 | 0 | Phythian, J. P., 89*l.* 10*s.*<br>Philip, Jas., 46*l.*<br>Robertson, J., 12*l.* |
| 668 | „ Werneth Mech. Inst. | I., II. | 25 | 0 | 0 | Taylor, W. |
| 669 | „ Westwood Board Sch. | XIV., XXIII. | 27 | 0 | 0 | Wade, G., 13*l.*<br>Butterworth, T., 14*l.* |
| 670 | „ Mutual Imp. Soc. | X. | 3 | 0 | 0 | Seddon, E. |
| 671 | Olney Nat. Sch. | IX., X. | 26 | 0 | 0 | Glover, A. W. |
| 672 | Openshaw Mech. Inst., Pottery Lane | I., II., III., X. | 29 | 0 | 0 | Wright, J. R., 9*l.*<br>Holding, J., 14*l.*<br>Newton, J., 6*l.* |
| 673 | „ Congl. Sch., Higher Openshaw. | XXIII. | 5 | 0 | 0 | Gibson, T. |
| 674 | Oswaldtwistle Sci. and Art Sch., Union Road | V., IX., X., XIV., XXII., XXIII. | 43 | 10 | 0 | Duxbury, J. H., 12*l.*<br>Gordon, G., 4*l.*<br>Slater, A. G., 27*l.* 10*s.* |
| 675 | „ Wes. Sch., Chapel St. | V., VIII X., XXIII. | 19 | 0 | 0 | Brooksbank, J., 2*l.*<br>Wade, J. A., 16*l.*<br>Ainsworth, J. H., 1*l.* |
| 676 | „ Busk Sch. | IX., XIV. | 5 | 0 | 0 | Lucas, J. |
| 677 | „ Nat. Sch., Cabin End. | VIII., IX., XIV. | 17 | 0 | 0 | Leech, E. |
| 678 | „ Holy Trin. Sch. | V., IX., XIV., XXIII. | 6 | 0 | 0 | Bland, J. S. |
| 679 | Oundle Brit. Sch. | VIII., IX., XIV. | 20 | 0 | 0 | Lenton, A., 2*l.*<br>Roe, R. G., 18*l.* |
| 680 | Oxford, University Museum, and Wes. Sch. | V., VIII., IX., X., XIV., XXIII. | 97 | 10 | 0 | Richardson, J., 46*l.*<br>Woods, J. W., 21*l.*<br>Buckmaster, C. A., 15*l.* 10*s.*<br>Chapman, D. R., 15*l.* |
| 681 | „ Boys' Nat. Sch., Princes Street<br>„ Cowley, St. John | XIV., XXIII. | 5 | 0 | 0 | Garrett, B., 2*l.*<br>Tidmarsh, T. W., 3*l.* |
| 682 | Padiham Wes. Sch. | VIII., IX., X., XIV., XXIII. | 51 | 0 | 0 | Chadwick, W., 33*l.*<br>Rhodes, J., 13*l.* |
| 683 | Patricroft Mech. Inst. | I., II. | 19 | 0 | 0 | Monks, P. |
| 684 | Pavenham Ch. of Eng. Sch. | VIII., IX. | 12 | 0 | 0 | Glover, A. W. |
| 685 | Pembroke Dock Board Sch., Meyrick St. | V. | 9 | 0 | 0 | Williams, W. |
| 686 | „ Nat. Sch. | V., XXIII. | 37 | 0 | 0 | Garraway, F., 25*l.*<br>Sach, A. J., 12*l.* |
| 687 | Pendeen Nat. Sch. | VI., VII., XII., XVIII., XXIII. | 29 | 0 | 0 | Eddy, H., 23*l.*<br>Murphy, J. J., 6*l.* |
| 688 | Penketh Wes. Day Sch. | XXIII. | 4 | 0 | 0 | Watson, J. |
| 689 | Penrith Wes. Sch. | X., XXIII. | 15 | 0 | 0 | Thompson, J. |
| 690 | „ Boys' Nat. Sch., Benson Row. | XXIII. | 9 | 0 | 0 | Wilson, S. |
| 691 | Penryn Town Hall<br>„ New Street Sch. | XIV., XXIII. | 14 | 0 | 0 | Freeman, G. A. |
| 692 | Penzance Sch. of Sci. and Art | I., II., III. | 18 | 0 | 0 | Geoffroi, H. M. |
| 693 | „ St. Mary's Girls' Nat. Sch. | XV. XXIII. | 5 | 0 | 0 | Adams, M., 2*l.*<br>Gasson, G. F., 3*l.* |
| 694 | „ Royal Cornwall Geological Museum | X., XIII., XIX., XXII. | 41 | 0 | 0 | Barnett, A. K., 33*l.*<br>Jago, W., 8*l.* |
| 695 | „ Boys' Nat. Sch., Regent's Place. | V., XXIII | 25 | 0 | 0 | Lane, E. H. |
| 696 | Pershore Nat. Sch. | XXIII. | 4 | 0 | 0 | Craddock, E. |

Appendix B.

PAYMENTS TO SCIENCE TEACHERS.

## Payments on the Results of the Science Examinations—*cont.*

| No. | School. | Subjects for which Payment was made. | Amount. £ | s. | d. | Names of Teachers. |
|---|---|---|---|---|---|---|
| 697 | Peterborough, St. Peter's Coll. | VIII., IX., XIV., XV., XXIII. | 173 | 0 | 0 | Dart, Rev. J., 95*l.*<br>Tomlinson, J., 57*l.*<br>Seabrook, W., 21*l.* |
| 698 | „ Boys' Brit. Sch. | XIV., XXIII. | 34 | 0 | 0 | Dennison, B. |
| 699 | „ Town Hall | II., III., VIII., IX., XIV., XXIII. | 69 | 0 | 0 | Pascoe, J., 16*l.*<br>Roe, R. G., 53*l.* |
| 700 | Pinner, Commerical Travellers Sch., Hatch End. | V., XIV. | 60 | 0 | 0 | Potter, N. C. |
| 701 | Plaistow, St. Andrew's | XXIII. | 4 | 0 | 0 | Pickworth, W. J. |
| 702 | Plumstead St. James' Sch. | II., XIV., XXIII. | 47 | 0 | 0 | Busbridge, W., 11*l.*<br>Hartley, J. J. E., 36*l.* |
| 703 | „ Wes. Sch. | XXIII. | 7 | 0 | 0 | Nicholls, W. A. |
| 704 | „ Burrage Grove, Board Sch. | XIV., XXIII. | 23 | 0 | 0 | Harbour, R. |
| 705 | „ Collegiate Sch., Plumstead Common. | V., VIII., IX., XIV. | 54 | 0 | 0 | Rogers, T.* |
| 706 | Plymouth, St. Andrew's Sch., Princess Street | IX., XXIII. | 24 | 0 | 0 | Andrews, T. N., 21*l.*<br>Ruse, J. F., 3*l.* |
| 707 | „ Sci. and Art Coll. | I., II., III., IV., V., VI., VII., VIII., IX., X., XII., XX., XXII., XXIII. | 213 | 0 | 0 | Evers, H., 138*l.*<br>Hitchings, J., 7*l.*<br>Andrews, T. N., 48*l.*<br>Bowden, J. T., 20*l.* |
| 708 | „ Charles Nat. Sch., Shaftesbury Cottage | II., III., V., VIII., IX., XXIII. | 37 | 0 | 0 | Andrews, T. N. 36*l.*<br>Ruse, J. F., 1*l.* |
| 709 | „ George Street Schs. | V., VIII., IX., XII., XXIII. | 236 | 0 | 0 | Webb, F. J. |
| 710 | „ Public Free Sch. | I., III., V., VIII., XXIII. | 32 | 0 | 0 | Jago, C. S. |
| 711* | „ Holy Trin. Boys' Sch. | V., VIII., XX. | 7 | 0 | 0 | Hamlyn, E. |
| 712 | „ Workmen's Club, Octagon. | III. | 5 | 0 | 0 | Debnam, A. R. |
| 713 | „ Courtenay Street Sci. and Art Sch. | I., II., III., V., VIII., IX., X., XI., XII., XV., XX., XXIII. | 236 | 10 | 0 | Lemon, C. P., 4*l.*<br>Rider, A. J., 114*l.* 10*s.*<br>Wonnacott, J., 71*l.*<br>Pearce, J., 11*l.*<br>Bamkin, W., 9*l.*<br>Morris, C., 27*l.* |
| 714 | „ Navigation Sch. | V., VI., VII., XX., XXII. | †246 | 12 | 2 | Merrifield, J.<br>Morris, C. |
| 715 | Pontardulais Tin Plate Wrks. | V., XXIII. | 3 | 0 | 0 | Jones, D. |
| 716 | „ Nat. Sch. | XXIII. | 1 | 0 | 0 | Roberts, J. |
| 717 | Portland, The Grove Sch. | XIV., XXIII. | 16 | 0 | 0 | Boait, F. J. |
| 718 | Portsmouth and Gosport Sch. of Art, Market House, Gosport | I., II., III., IV., V., VIII., IX., XX., XXI., XXIII. | 172 | 0 | 0 | Carter, J., 13*l.*<br>Mallon, J. W., 27*l.*<br>Millard, J., 33*l.*<br>Smart, H., 54*l.*<br>Sharp, C., 10*l.*<br>Gayne, A. J., 35*l.* |
| 719 | Preston Avenham Inst., Sch. of Art. | IX., X., XIV. | 10 | 0 | 0 | Sutcliffe, G. |
| 720 | „ St. Paul's Nat. Sch. | I., II., V., VI., VII., VIII., IX., X., XIV., XXII., XXIII. | 133 | 10 | 0 | Sutcliffe, G., 98*l.* 10*s.*<br>Briant, A. J., 35*l* |
| 721 | „ Moor Lane U. Meth. Free Sch. | V., X., XXIII. | 27 | 10 | 0 | Calvelly, R. |
| 722 | „ Cong. Sch., Lancaster Road | V., VIII., IX., X., XXIII. | 133 | 0 | 0 | Gardner, J., 128*l.*<br>Greenhalgh, J., 5*l.* |
| 723 | Pudsey Mech. Inst. | IX., XXIII. | 20 | 0 | 0 | Harrison, J. |
| 724 | Queensbury Nat. Sch. | II., X. | 23 | 0 | 0 | Kendall, T., 20*l.*<br>Briggs, A., 3*l.* |
| 725 | Quinton Nat. Sch. | XXIII. | 3 | 0 | 0 | Millward, A. |

* Partly from St. Michael's Nat. School, Woolwich.
† Including 228*l.* 12*s.* 2*d.* capitation grant.

Payments on the Results of the Science Examinations—*cont.*

| No. | School. | Subjects for which Payment was made. | Amount. £ | s. | d. | Names of Teachers. |
|---|---|---|---|---|---|---|
| 726 | Ramsbottom, Stubbings Con. Sch. | V. | 2 | 0 | 0 | Gibson, G. |
| 727 | „ St. Paul's Sch. Crow Lane | I., II., III., V., VII., IX., X., XIV. | 39 | 10 | 0 | Preston, R., 27*l.* 10*s.* Dodgson, W., 12*l.* |
| 728 | Raunds Wes. Day Sch. | VIII., XII., XIV. | 21 | 0 | 0 | Lee, G. |
| 729 | Ravensthorpe Mech. Inst. | XXIII. | 4 | 0 | 0 | Green, G. |
| 730 | Rawtenstall, Ind. Co-op. Soc., Bank Street. | II. | 6 | 0 | 0 | Bradshaw, M. H. |
| 731 | „ Wes. Sch., Bank Street. | VIII., XIV. | 14 | 0 | 0 | Dunkin, W. J. |
| 732 | „ Brit. Sch. | V., X. | 13 | 0 | 0 | Bax, R. |
| 733 | Reading Sch. of Sci. and Art „ Vastern Street | I., II., III., XIV. | 23 | 0 | 0 | Havell, C. R., 16*l.* Austin, B. J., 7*l.* Biggs, C. H. W. |
| 734 | Redditch Nat. Sch. | IX., X. | 17 | 0 | 0 | Bryant, J. E. |
| 735 | „ Ipsley Street Wes. Sch. | XV. | 3 | 0 | 0 | Coates, E. |
| 736 | Redruth, The Inst. | XII., XXIII. | 20 | 0 | 0 | Collins, T. |
| 737 | „ Freemasons' Road Sch. | X., XIII. | 49 | 0 | 0 | Kitto, B. |
| 738 | Rhiwbryfdir, Blaenan Festiniog Nat. Sch. | V., XII., XXIII. | 13 | 0 | 0 | Richards, R. |
| 739 | Riddings, Mut. Imp. Association. | II., III., VII. | 22 | 0 | 0 | Shardlow, J. T. |
| 740 | Ripley, Outram Street Sch. | V., XXIII. | 19 | 0 | 0 | Brown, G. |
| 741 | Ripponden Nat. Sch. | X., XXIII. | 9 | 0 | 0 | Cotton, E. |
| 742 | Rochdale Board Sch. | I., II., III., V., VIII., X., XI., XXII., XXIII. | 41 | 0 | 0 | Greaves, J. E. E., 22*l.* Duerr, G., 11*l.* Lofthouse, J., 8*l.* |
| 743 | „ Par. Ch. Schs. | V., XIV. | 14 | 0 | 0 | Stott, R., 2*l.* Woolfenden, T., 12*l.* |
| 744 | „ Equitable Pioneers' Soc. Rooms | I., II., III., VII., VIII., IX., XIV., XXII., X., XXIII. | 58 | 0 | 0 | Greaves, J. E. E., 27*l.* Wild, J., 15*l.* Watts, W. A., 16*l.* |
| 745 | „ Wes. Sch. | XXIII. | 2 | 0 | 0 | Drury, A. E. |
| 746 | Rochester Board Sch., King Street. | XIV., XXIII. | 16 | 0 | 0 | Marsh, W. H. |
| 747 | Ross Board Sch. | VIII., XIV. | 26 | 0 | 0 | Munn, J. |
| 748 | Rotherham Lit. and Mech. Inst., Sch. of Art. | V. | 1 | 0 | 0 | Rushforth, J. T. |
| 749 | „ Wes. Day Sch. | V. | 2 | 0 | 0 | Cox, J. |
| 750 | Rugby Institute „ St. Matthew's Sch. | V., XIV., XXIII. | 12 | 0 | 0 | Phillips, W. |
| 751 | Rugeley, Prince of Wales' Sch. | VIII., IX. | 6 | 0 | 0 | Barnes, W. H. |
| 752 | St. Agnes Inst. | X., XIII. | 5 | 0 | 0 | Kitto, B. |
| 753 | St. Alban's Town Hall | XII. | 5 | 0 | 0 | Saunders, J. |
| 754 | St. Day Temperance Hall | X., XIII. | 12 | 10 | 0 | Letcher, T. H. |
| 755 | St. Helen's Commercial Sch. | X. | 37 | 0 | 0 | Bournes, T. |
| 756 | „ Holy Trinity Sch. | II., III. | 15 | 0 | 0 | Chadderton, J. |
| 757 | „ Boys' Sch. Moorflat. | XXIII. | 11 | 0 | 0 | Davies, J. |
| 758 | St. Ives' (Cornwall), St. John's Nat. Sch. | X., XIII. | 5 | 0 | 0 | Kitto, B. |
| 759 | St. Ives' (Huntingdon), Brit. Sch., North Road | V., XXIII. | 33 | 0 | 0 | Keen, A., 4*l.* Jagger, W., 29*l.* |
| 760 | St. Ives' (Huntingdon) Brit. Sch., Cemetery Road | | | | | |
| 761 | St. Just Nat. Sch. „ Wes. Sch. | V., VI., XXIII. | 9 | 0 | 0 | Eddy, H., 4*l.* Gasson, G. F., 5*l.* |
| 762 | St. Mary Cray Nat. Sch. | XIV. | 4 | 0 | 0 | Campbell, H. |
| 763 | Salford Wkg. Men's Coll. | I., II., III., X., XI. | 73 | 10 | 0 | Monks, P., 49*l.* Richardson, J., 24*l.* 10*s.* |
| 764 | „ Iron Works, Deal St. | I., II. | 54 | 0 | 0 | Jones, T. |
| 765 | „ Richmond Hill Elem. Sch. | VIII., XXIII. | 10 | 0 | 0 | Thornley, G. |
| 766 | „ Ch. Ch. Upper Sch. | V., XXIII. | 10 | 0 | 0 | Overton, J. H., 8*l.* Roberts, J., 2*l.* |
| 767 | „ St. Peter's R.C. Sch. | VIII., IX. | 20 | 0 | 0 | O'Neill, Michael. |

Appendix B.

Payments on the Results of the Science Examinations—*cont.*

PAYMENTS TO SCIENCE TEACHERS.

| No. | School. | Subjects for which Payment was made. | Amount. £ | s. | d. | Names of Teachers. |
|---|---|---|---|---|---|---|
| 768 | Salisbury Trg. Sch. | XIV., XXIII. | 46 | 0 | 0 | Phillips, Rev. R., 19*l.*; Yelf, Miss S.J., 27*l.* |
| 769 | „ Lit. and Scientific Inst. | VIII., IX., XIV., XXIII. | 29 | 0 | 0 | Foreman, C., 5*l.*; Maidment, H., 17*l.*; Britton, S. J., 7*l.* |
| 770 | Saltaire Club and Inst. Sch. of Art | I., III., IX., X., XIV., XXIII. | 68 | 10 | 0 | Slatter, G. W.; Clough, R.; Kenyon, J. |
| 771 | Saltash Board Sch. | V. | 2 | 0 | 0 | Tripp, J. |
| 772 | Saltley Trg. Coll. | V., IX., XIV., XXIII. | 258 | 0 | 0 | Burbidge, Rev. F. W., 5*l.*; Long, J., 55*l.*; Bassett, F., 162*l.*; Daphne, W., 36*l.* |
| 773 | Sawley Nat. Sch. | XIV. | 6 | 0 | 0 | Windle, J. |
| 774 | Scarborough Mech. Inst. | I., XIV., XVI., XVII., XX., XXIII. | 22 | 0 | 0 | Yewdall, J. H., 5*l.*; Watson, H., 11*l.*; Potter, F., 6*l.* |
| 775 | „ Nat. Sch., Castle Road | VIII., XIV., XXIII. | 15 | 0 | 0 | Green, J. B., 11*l.*; Corney, A., 4*l.* |
| 776 | „ Central Board Sch. | XXIII. | 2 | 0 | 0 | Brown, J. |
| 777 | Seacombe Wes. Sch. | VIII., IX. | 30 | 0 | 0 | Wright, J. |
| 778 | Seacroft Nat. Sch. | I., V., VIII., IX. | 40 | 0 | 0 | Turner, W. |
| 779 | Seaham Harbour Girls' Nat. Sch. | III. | 1 | 0 | 0 | Smith, J. |
| 780 | Sedgefield Boys' Sch. | XXIII. | 3 | 0 | 0 | Walbank, T. |
| 781 | Selby Sch. of Art, Mech. Inst. | I., II., III. | 8 | 0 | 0 | Windass, J. |
| 782 | „ Wes. Day Sch., James Street. | XXIII. | 3 | 0 | 0 | Ridge, W. L. |
| 783 | Shaldon Teign Bridge House Sch. | V., IX., XIV. | 61 | 0 | 0 | Jones, C. |
| 784 | Sheepshed Nat. Sch., Forest Lane. | XXIII. | 2 | 0 | 0 | Humphries, G. W. |
| 785 | Sheerness Brit Sch. | I., II., IV. | 38 | 0 | 0 | O'Donoghue, D., 14*l.*; Phayer, R. P., 24*l.* |
| 786 | „ Nat. Sch., Bankstown | V. | 5 | 0 | 0 | Taylor, G. |
| 787 | Sheffield Christian and Educational Inst. | XXIII. | 5 | 0 | 0 | Locke, A. C. |
| 788 | „ Ch. of Eng. Educational Inst. | V., XIV., XXIII. | 63 | 0 | 0 | Sanderson, N., 11*l.*; Sutton, J., 38*l.*; Abbott, T., 14*l.* |
| 789 | „ Carbrook Board Sch. | II., IX., X., XXII., XXIII. | 47 | 10 | 0 | Webb, J., 36*l.* 10*s.*; Ripper, W. 11*l.* |
| 790 | „ Bridgehouses School-room. | XXIII. | 6 | 0 | 0 | Champley, G. |
| 791 | „ Mech. Inst. | X., XIV., XXIII. | 11 | 0 | 0 | Carr, B., 6*l.*; Russell, E. T., 5*l.* |
| 792 | Sheffield Park Wes. Educational Inst. | X. | 3 | 10 | 0 | Crowther, G. H. |
| 793 | „ Sch. of Art. | II., III. | 22 | 0 | 0 | Cox, Wm. |
| 794 | „ Attercliffe Board Sch. | II. | 3 | 0 | 0 | Farnsworth, E. |
| 795 | Shelf Brit. Sch. | XIV. | 8 | 0 | 0 | Newell, E. |
| 796 | Shelley Mech. Inst. | X. | 25 | 0 | 0 | Allott, J. |
| 797 | Shepton Mallet Nat. Sch. | XXIII. | 2 | 0 | 0 | Dibdin, H. |
| 798 | Sherborne Brit. Schoolroom | V. | 2 | 0 | 0 | Pooley, J. |
| 799 | Shirehampton Nat. Sch. | V., VIII., XXIII. | 10 | 0 | 0 | Wedmore, J. |
| 800 | Shrewsbury Nat. Sch., Abbey Foregate. | IX. | 7 | 0 | 0 | Rankine, T. |
| 801 | „ Sch. of Sci. and Art, Vaughan's Mansion. | V., IX., X., XXIII. | 37 | 0 | 0 | Harrison, W. H. |
| 802 | Skipton Mech. Inst. | X. | 15 | 10 | 0 | Holmes, T. |
| 803 | Smallbridge, St. John's Nat. Sch. | XXII. | 2 | 0 | 0 | Greaves, J. E. E. |
| 804 | „ Cong. Sch. | XXIII. | 2 | 0 | 0 | Holt, W. |
| 805 | „ Wardle Wes. Sch. | X., XIV. | 8 | 10 | 0 | Dean, J. |
| 806 | Smethwick Trinity Sch. | XIV. | 9 | 0 | 0 | Sears, H. H. |
| 807 | Southampton, Hartley Inst. | I., II., III., V., VI., VII., VIII., IX., X., XII., XIV., XXII., XXIII. | 105 | 0 | 0 | Shore, T. W., 35*l.*; Pratt, R., 26*l.*; Brierley, J., 30*l.*; Jeffares, J., 14*l.* |

Payments on the Results of the Science Examinations—*cont.*

| No. | School. | Subjects for which Payment was made. | Amount. £ | s. | d. | Names of Teachers. |
|---|---|---|---|---|---|---|
| 808 | Southampton, Highfield Sch. | XV., XXIII. | 15 | 0 | 0 | Duncum, J. E. |
| 809 | „ St. Luke's Sch. | VIII., XXIII. | 19 | 0 | 0 | Gray, P. L. |
| 810 | „ Taunton's Sch. | II., V., VI., VIII. | 6 | 0 | 0 | Corbin, P. G. |
| 811 | Southport, Ch. Ch. Nat. Sch. | V., VIII., IX., X., XXIII. | 41 | 0 | 0 | Ainsworth, J. D. |
| 812 | South Shields Free Library | I., II., III., IX., X. | 45 | 0 | 0 | Ross, J. A. G., 25*l.*<br>Robson, W. H., 20*l.* |
| 813 | „ Jarrow Chem. Co.'s Sch. | V. | 7 | 0 | 0 | Johnson, J. |
| 814 | Southwell Wes. Sch. | VIII. | 5 | 0 | 0 | Odell, R. |
| 815 | Sowerby Bridge National Sch. | V., X. | 11 | 10 | 0 | Houldsworth, B. |
| 816 | Stainland, Holywell Green Mech. Inst. | X. | 7 | 0 | 0 | Shaw, J. |
| 817 | Stalybridge Mech. Inst. | I., II., III., V., VII., X., XXIII. | 65 | 0 | 0 | Macmichael, D., 10*l.*<br>Gibson, T., 1*l.*<br>Kershaw, T., 47*l.*<br>Hirst, W. H., 7*l.* |
| 818 | Stamford, St. Martin's Sch. | V., XIV. | 5 | 0 | 0 | Knight, H. |
| 819 | „ „ Literary and Scientific Inst. | XIV. | 10 | 0 | 0 | Packer, M. W. |
| 820 | Stevenage Gram. Sch. | III., V., VIII., IX. | 10 | 0 | 0 | Litting, G. |
| 821 | Stockport, Mech. Inst. | I., II., V., VIII., IX., X., XII., XIV., XXIII. | 136 | 0 | 0 | Davenport, T., 12*l.*<br>Davies, G. W., 122*l.*<br>Barrodaile, S., 2*l.* |
| 822 | „ Church Inst. | V., XIV., XXIII. | 14 | 0 | 0 | Foster, J., 9*l.*<br>Nickal, J., 5*l.* |
| 823 | „ Orphan Sch., Cheadle Hulme | V., VI., XIV., XXIII. | 115 | 0 | 0 | Laurie, W. S., 64*l.*<br>Stone, A., 51*l.* |
| 824 | „ Portwood Wes. Sch. | XIV., XXIII. | 18 | 0 | 0 | Farnsworth, J. |
| 825 | „ Sunday Sch., Duke Street | I., II., VIII., IX., X., XII., XIV., XV., XXIII. | 56 | 0 | 0 | Davies, G. W., 35*l.*<br>Smith, W. J., 10*l.*<br>Barrodaile, S., 11*l.* |
| 826 | Stoke-on-Trent Athenæum | V., VI., VIII., X., XXIII. | 38 | 10 | 0 | Sparkes, A. L. |
| 827 | Stonehouse Inst. | IX., XII. | 61 | 0 | 0 | Smith, P. L. |
| 828 | Stratford Board Sch., Station Street | II., III., V., VI. | 18 | 0 | 0 | Moore, E. W., 6*l.*<br>Stone, S., 12*l.* |
| 829 | „ G. E. Ry. Mech. Inst. | II. | 11 | 0 | 0 | Saunders, J. |
| 830 | „ Buxton College, Forest Lane | V., XIV., XXIII. | 33 | 0 | 0 | Saunders, J., 14*l.*<br>Standage, W. R., 7*l.*<br>Randle, H., 5*l.* |
| 831 | Street, Wkg. Men's Club | I. | 1 | 0 | 0 | Collins, W. G., H. |
| 832 | Strood Wkg. Men's Club and Inst. | II., III., IX., XIV. | 30 | 0 | 0 | Denton, J., 23*l.*<br>Betts, E. W., 7*l.* |
| 833 | Stroud, Bussage House Sch.<br>„ Stratford Abbey | IX., XIV. | 19 | 0 | 0 | Smith, P. L. |
| 834 | Sunderland Sch. of Art, 21, Pawcett St. | II., III. | 4 | 0 | 0 | Way, W. C. |
| 835 | „ Milton House Academy | II., III., XXII. | 30 | 0 | 0 | Grainger, G. W., 6*l.*<br>Kilvington, W., 24*l.* |
| 836 | „ Bishop Wearmouth Nat. Sch., Rectory Park | VIII., XII., XXII., XXIII. | 35 | 0 | 0 | Card, T. G. |
| 837 | „ Monkwearmouth, Workmen's Hall | I., V., IX., X. | 37 | 0 | 0 | Pickering, A. } 5*l.*<br>Smith, J. }<br>Walton, W., 32*l.* |
| 838 | „ Wes. Day Sch., Nicholson St. | XXIII. | 13 | 0 | 0 | Barker, J. |
| 839 | Sutton (Yorks) Nat. Sch. | II., III. | 6 | 0 | 0 | Rawson, W. |
| 840 | Swansea Royal Inst. | VI., VII., VIII., IX., X., XIX., XXII. | 116 | 0 | 0 | Molison, A. R., 61*l.*<br>Terrill, W., 55*l.* |

Appendix B.

PAYMENTS TO SCIENCE TEACHERS.

Payments on the Results of the Science Examinations—*cont.*

| No. | School. | Subjects for which Payment was made. | Amount. £ | s. | d. | Names of Teachers. |
|---|---|---|---|---|---|---|
| 841 | Swindon, G. W. R. Sch., Bristol Street - / „ G. W. R. Sch., Regent Street - | II., V., VI., VII., XXII., XXIII. | 50 | 0 | 0 | Barnett, G. 13*l.* / Riley, E. C. / Stanier, W. H., 16*l.* / Williams, J. 21*l.* / Jenkins, J. H. - |
| 842 | Sydenham Board Sch. - - | XIV. - - | 17 | 0 | 0 | Bird, G. |
| 843 | Syston, Par. Sch. - - - | VI., XXIII. - | 9 | 0 | 0 | Lanning, T. H. |
| 844 | Tamworth Nat. Sch. - - | II., III. - | 5 | 0 | 0 | Harper, E. |
| 845 | Tarporley Nat. Sch. - - | VIII., XIV. - - | 5 | 0 | 0 | Wykes, C. H. |
| 846 | Taunton Cen. Nat. Sch. - | V., XXIII. - - | 15 | 0 | 0 | Allen, H. |
| 847 | Tavistock, Board Sch., Plymouth Road. | X III. - - | 4 | 0 | 0 | Craze, J. |
| 848 | „ Duke of Bedford's Sch., Gulworthy. | VIII., XIV., XXIII. | 9 | 0 | 0 | Gaud, J. H. |
| 849 | Tewkesbury, Nat. Sch. - | VIII., XIV. - | 48 | 0 | 0 | Sturgess, W. |
| 850 | Thorne, Brooke's Gram. Sch. | II., XXIII. - - | 6 | 0 | 0 | Constable, J. |
| 851 | Tipton, No. 5 Board Sch. - | XXIII. - - | 2 | 0 | 0 | Midgeley, C. W. |
| 852 | Todmorden, Vale Academy, Patmos Street - - - | I., II., III., VIII., IX., X., XIV., XXIII. - | 40 | 0 | 0 | Ackroyd, B., 12*l.* / Dean, J., 4*l.* / Kershaw, T., 7*l.* 10*s.* / Crossley, A., 14*l.* / Lee, T., 3*l.* |
| 853 | Tonbridge Mech. Inst. - - | VIII., XIV. - | 10 | 0 | 0 | Lane, T. |
| 854 | Tunbridge Wells, Belgrave Mech. Inst. - - - | IX., X., XIV. - | 37 | 0 | 0 | Hartnell, C. L., 5*l.* / Pickett, F. R., 32*l.* |
| 855 | Torpoint Wes. Sch. - - | I., II., III., VIII., IX., XXII., XXIII. - | 22 | 0 | 0 | Hitchings, J., 11*l.* / Bowden, J. T., 4*l.* / Clark, R. G., 4*l.* / Phillips, E. R., 3*l.* |
| 856 | Torquay Sch. of Sci. and Art | VI., VIII., IX., XIV., XXIII. | 89 | 0 | 0 | Viccars, T. |
| 857 | Totnes Board Sch. - - | XXIII. - - | 3 | 0 | 0 | Curnow, J. |
| 858 | Troon, John Dennis Sch. - | X., XIII. - - | 11 | 10 | 0 | Allen, T. H. |
| 859 | Truro Brit. Sch. - - - | V., X., XIV., XV., XXIII. | 33 | 10 | 0 | Snell, J. |
| 860 | „ Cornwall Central Sch. - | IX., X., XII., XXIII. | 45 | 0 | 0 | Barratt, R. |
| 861 | „ Sch. of Art - - - | II. - - - | 2 | 0 | 0 | Geoffroi, H. M. |
| 862 | Tyldesley Mech. Inst. - - | I., II., III. - - | 16 | 0 | 0 | Hamer, T. |
| 863 | Uttoxeter New Day Sch. - | VIII., IX., XIV. - | 29 | 0 | 0 | Ager, W. N., 10*l.* / Hodgson, J. M., 19*l.* |
| 864 | Victoria Docks, Nelson St. - / „ „ St. Mark's Wkg. Men's Club - - | I. - - - | 5 | 0 | 0 | Phillips, J. A. |
| 865 | Wakefield, Trinity Ch Y. M. Society. | IX., X. - - | 17 | 0 | 0 | Patchett, I. |
| 866 | „ Laboratory, Wood Street - - / „ Smyth St. Acad. - | IX., X., XIV. - | 35 | 0 | 0 | Porritt, W. |
| 867 | „ Sch. of Art. - - | I., II. - - | 4 | 0 | 0 | Menzies, J. |
| 868 | Wallington Ch. Sch.-rooms - | I., II., III. - - | 7 | 0 | 0 | Busbridge, J. |
| 869 | Walmer Nat. Sch. - - - | IX. - - - | 3 | 0 | 0 | Moss, R. |
| 870 | Walmer Bridge Brit. Sch. - | IX., X. - - | 12 | 0 | 0 | Firth, D. |
| 871 | Walsall Sci. and Art Inst. - | V., VIII., IX., X., XII., XIV., XXII., XXIII. | 80 | 0 | 0 | Turner, J., 37*l.* / Kidson, E., 43*l.* |
| 872 | „ Athenæum Buildings, Sch. of Art. | II., III. - - | 5 | 0 | 0 | Mulligan, J. A. |
| 873 | Walsden Wkg. Men's Club - | IX., X. - - | 30 | 0 | 0 | Stenhouse, T., 18*l.* / Akroyd, B., 12*l.* |
| 874 | Walthamstow Boys' Nat. Sch. | IX., XXIII. - | 18 | 0 | 0 | Bond, G., 8*l.* / Holding, A., 10*l.* |
| 875 | Wanstead Infant Orphan Asylum. | V. - - - | 19 | 0 | 0 | Jennings, J. |
| 876 | Warrington Nat. Sch. - - | X., XXIII. - - | 17 | 0 | 0 | Watts, W. A. |
| 877 | „ Wycliffe Brit. Sch. | XIV. - - | 9 | 0 | 0 | Duckett, J. B. |
| 878 | „ People's College | VIII., IX. - - | 51 | 0 | 0 | Foister, J. S. |
| 879 | Waterfoot Brit. Sch. - - | V., XXIII. - - | 8 | 0 | 0 | Gordon, G. |
| 880 | Watford Public Library, Sch. of Art - | III., VIII., IX., XIV., XXIII. - | 58 | 0 | 0 | Puckett, R. C., 3*l.* / Fairman, J. B., 36*l.* / Hinton, R. W., 19*l.* |

Payments on the Results of the Science Examinations—*cont.*

Appendix B.

PAYMENTS TO SCIENCE TEACHERS.

| No. | School. | Subjects for which Payment was made. | Amount. £ | s. | d. | Names of Teachers. |
|---|---|---|---|---|---|---|
| 881 | Watford, London Orphan Asylum | V., VI., XXIII. | 86 | 0 | 0 | Reading, J., Hinton, R. 86*l.*, W. |
| 882 | Wellingborough, Freeman's Sch. | VIII., IX., X., XIV., XXIII. | 35 | 0 | 0 | Genner, B. |
| 883 | Wendover Nat. Sch. | XXIII. | 4 | 0 | 0 | Fleming, A. G. |
| 884 | Werrington Nat. Sch. | XIV., XXIII. | 13 | 0 | 0 | Hayter, T. G. |
| 885 | West Bromwich Board Sch., Queen Street. | V., XXIII. | 11 | 0 | 0 | White, H. |
| 886 | West Gorton, St. Mark's Nat. Sch. | V., XXIII. | 7 | 0 | 0 | Hollinhead, T. |
| 887 | West Ham Model Free Sch. | XIV., XXIII. | 12 | 0 | 0 | Poltock, P. T. |
| 888 | Weymouth Middle Sch. | IX., XI., XII. | 14 | 0 | 0 | Miller, Rev. J. |
| 889 | „ Collegiate Sch. „ Wkg. Men's Club | IX., XIV. | 13 | 0 | 0 | Hoffert, H. |
| 890 | „ The Barracks | IX. | 8 | 0 | 0 | Hoffert, H. |
| 891 | Whaleybridge Horwich Bank Educ. Inst. and Band of Hope Hall | VIII., XIV., XXIII. | 12 | 0 | 0 | Brewer, R. F., 5*l.*, Dixon, W., 2*l.*, Riley, W., 5*l.* |
| 892 | Whetstone Nat. Sch. | IX., XIV., XXIII. | 31 | 0 | 0 | Webb, A. |
| 893 | Whitehaven St. Nicholas Boys' Sch. | V., IX., XIV. | 10 | 0 | 0 | Freeman, A. |
| 894 | Whitworth Lit. Inst. | I., II., III., IX., X., XI., XIV. | 45 | 0 | 0 | Greaves, J. E. E., 10*l.*, Wild, J., 18*l.*, Dewhurst, H. T., 17*l.* |
| 895 | Widnes Volunteer Hall | VI., X. | 43 | 0 | 0 | Watts, W. A. |
| 896 | Wigan, St. Paul's Sch., Standish Gate. | I., II., VII., XXII. | 24 | 0 | 0 | Barlow, W. |
| 897 | „ Mining and Mechanics' Sch. | I., II., III., VI., VII., X., XVIII., XXII. | 64 | 0 | 0 | Betley, R., 17*l.*, Percy, C. McL., 47*l.* |
| 898 | „ New Jerusalem Schs., Warrington Lane. | V. | 1 | 0 | 0 | Underhill, F. |
| 899 | Wigston (Great) Nat. Sch. | VIII., IX. | 13 | 0 | 0 | Andrews, E. J. |
| 900 | Willenhall Lit. Inst. | X., XIV., XXIII. | 15 | 0 | 0 | Stockham, T., 10*l.*, Holt, G., 5*l.* |
| 901 | Willesden Wes. Sch. | IX., X. | 14 | 0 | 0 | Mackrell, I. |
| 902 | Wilsden Mech. Inst | IX. | 5 | 0 | 0 | Smith, J. B. |
| 903 | Wimbledon, Spencer Hill Sch. | I., III. | 21 | 0 | 0 | Busbridge, J. |
| 904 | Winchester, Trg. Coll. | V., IX., XIV. | 144 | 0 | 0 | Brown, C. G., 104*l.*, Archard, T., 40*l.* |
| 905 | „ Central Boys' Sch. | IX. | 17 | 0 | 0 | Atkins, J. W. |
| 906 | Wolstanton, Nat. Sch. | VIII., IX., XII., XIV., XV., XXIII. | 31 | 0 | 0 | Field, W. |
| 907 | Wolverhampton, St. Peter's Sch. | V., VI., IX., X., XIV., XXIII. | 108 | 0 | 0 | Breakwell, W., 94*l.*, Southwick, T., 14*l.* |
| 908 | „ Sch. of Art | II. | 15 | 0 | 0 | Gunn, A. |
| 909 | „ Bushbury Nat. Sch. | XXIII. | 1 | 0 | 0 | Shaw, R. |
| 910 | „ Free Library, Garrick St. | V., IX., X., XIV., XXIII. | 99 | 0 | 0 | Williams, J., 49*l.*, Meakin, C., 13*l.*, Walker, T., 29*l.*, Minkley, G. H., 8*l.* |
| 911 | „ Agricultural Hall | XIV. | 7 | 0 | 0 | Foster, T. J. |
| 912 | Wolverton Sci. and Art Inst. | I., II., III., V., VI., VII., VIII., IX., XIV., XXII. | 174 | 0 | 0 | Smith, J., 2*l.*, Coker, G., 109*l.*, Goyer, A., 63*l.* |
| 913 | Woodlesford and Oulton Mech. Inst. | III. | 1 | 0 | 0 | Craven, W. |
| 914 | Woolwich Presbyterian Sch. | II., VIII., IX., X., XII., XXIII. | 191 | 0 | 0 | Dronfield, J., 7*l.*, Pope, W. J., 170*l.*, Busbridge, W., 7*l.*, Bishop, G., 7*l.* |
| 915 | „ Royal Arsenal Mech. Inst. | I., II., III., V., X., XIV., XIX. | 175 | 0 | 0 | Busbridge, W., 121*l.*, Smith, H., 9*l.*, Farlie, J. B., 26*l.*, Quick, J., 9*l.*, Henchie, J., 10*l.* |

Appendix B.

PAYMENTS TO SCIENCE TEACHERS.

Payments on the Results of the Science Examinations—*cont.*

| No | School. | Subjects for which Payment was made. | Amount. £ | s. | d. | Names of Teachers. |
|---|---|---|---|---|---|---|
| 916 | Woolwich, St. Michael's Nat. Sch. | I., II., VII., XXII. | 71 | 0 | 0 | Ellis, A., 62*l.*; Rogers, T.*; Bethell, G. W., 9*l.* |
| 917 | „ Albion House Sch.-room, Bowling Green Lane. | IX., X. | 18 | 0 | 0 | Grigsby, W. S. |
| 918 | Worcester, Brewers' Sch., Edgar Street. | VIII., XIV., XXIII. | 11 | 0 | 0 | Brewer, S. B. |
| 919 | „ Upper and Middle Class Sch. | XIV., XXIII. | 17 | 0 | 0 | Craddock, E. |
| 920 | „ St. Martin's Nat. Sch. | X. | 25 | 0 | 0 | Bale, F. |
| 921 | „ St. Stephen's Nat. Sch. | VIII., XII., XIV., XXIII. | 28 | 0 | 0 | Gibbs, J.; Craddock, E., 28*l.*; Bennett, W. |
| 922 | „ St. John's Boys' Schs. | V., XII., XXIII. | 9 | 0 | 0 | Walker, S. |
| 923 | „ Free Gram. Sch., The Tything | V., XII., XIV. | 14 | 0 | 0 | Houghton, C.J., 2*l.*; Potts, Rev. J., 9*l.*; Eld, Rev. F.J., 3 |
| 924 | „ St. George's Sch., Claines | XXIII. | 5 | 0 | 0 | Pain, H.; Craddock, E. — 5*l.* |
| 925 | „ Young Men's Chr. Assoc., Pierpoint Street. | XII., XV. | 9 | 0 | 0 | Smith, W. J. |
| 926 | Worsthorne Nat. Sch. | V., XIV., XXIII. | 17 | 0 | 0 | Pritchard, T. |
| 927 | Wortley Zion Sunday Sch. | II. | 14 | 0 | 0 | Cryer, T. |
| 928 | Yarmouth, Great, Sch. of Navigation. | V., VIII., XIV., XX., XXI., XXIII. | 43 | 0 | 0 | Stockton, W. |
| 929 | „ Governmt Sch. of S. and A. and Gram. Sch. | I., III. | 7 | 0 | 0 | Ryan, J. F. |
| 930 | „ Brit. Sch., St. George's Road. | XXIII. | 12 | 0 | 0 | Powell, J. |
| 931 | Yeadon Brit. Sch. | VIII., IX., X. | 50 | 0 | 0 | Slatter, G. W. |
| 932 | York Bluecoat Sch. | X. | 16 | 0 | 0 | Procter, W. |
| 933 | „ Grove Wes. Day Sch. | VIII., XXIII. | 15 | 0 | 0 | Senior, W. C.; Gittings, A. — 15*l.*; Pumphrey, W.; Gough, T. — 20*l.* |
| 934 | „ Inst., St. Saviour Gate | I., III., V., VI., X. | 34 | 0 | 0 | Wilson, C. H., 1*l.*; Hewison, Rev. G H., 2*l.*; Windass, J., 11*l.* |
| 935 | „ Priory St. Boys' Sch.; „ Priory St. Girls' Sch. | XXIII. | 7 | 0 | 0 | Martin, E. M. |
| 936 | „ Training Coll., Lord Mayor's Walk | XIV., XXIII. | 17 | 0 | 0 | Martin, H., 15*l.*; Rowe, Rev. G., 2*l.* |
| | Total for England and Wales | | 34192 | 12 | 2 | |
| | SCOTLAND. | | | | | |
| 937 | Aberdeen St. John's Sch. | XXIII. | 15 | 0 | 0 | Munro, J. McI. |
| 938 | „ Mech. Inst. | II., III., V., VI., VII., X., XXII. | 190 | 0 | 0 | Kennedy, J., 30*l.*; Maver, D., 18*l.*; Jamieson, T., 109*l.*; Gray, J., 33*l.* |
| 939 | „ Free South Ch. Sch. | XXIII. | 38 | 0 | 0 | Ramage, A.; Knowles, E. |
| 940 | Aboyne, Coull Par. Sch. | XII. | 4 | 0 | 0 | Robbie, J. |
| 941 | Alexandria Mech. Inst. | II. | 6 | 0 | 0 | McDonald, D. |
| 942 | Alloa Academy and Museum Hall | III., V., XXIII. | 39 | 0 | 0 | Bain, R. L., 3*l.*; Macfarlane, Rev. D., 36*l.* |
| 943 | Arbroath High School | II., VI., X. | 44 | 10 | 0 | Cook, J., 11*l.*; Wilson, A., 10*s.* |

* *See* Plumstead.

Payments on the Results of the Science Examinations—*cont.*

| No. | School. | Subjects for which Payment was made. | Amount. £ | s. | d. | Names of Teachers. |
|---|---|---|---|---|---|---|
| 944 | Ardrossan Public Sch., No. 1. | V. | 5 | 0 | 0 | Comrie, W. |
| 945 | Ayr Academy, Fort St. | II., V. | 31 | 0 | 0 | Black, F. M., 14*l.*<br>Graham, J. D., 17*l.* |
| 946 | Beith, Public School, New Street. | V., IX., X., XXIII. | 104 | 0 | 0 | Cook, W. |
| 947 | Brechin Mech. Inst., St. Mary Street. | X. | 23 | 0 | 0 | Jamieson, T. |
| 948 | Buckie Public School | XIV. | 12 | 0 | 0 | Stewart, W. |
| 949 | Burghead Public School, Grannery Street. | V. | 6 | 0 | 0 | Milne, R. |
| 950 | Burntisland Broom Hill Sch. | I., VIII., IX., X., XXII. | 10 | 0 | 0 | Low, D. |
| 951 | Campbeltown, United Pres. Sch., Dalaruan. | V. | 1 | 0 | 0 | Kirkwood, J. |
| 952 | „ Gram. Sch., St. John's Street. | IX. | 17 | 0 | 0 | Ross, Z. M. H. |
| 953 | Crieff, Morison's Academy | V., XIV., XV., XXIII. | 79 | 0 | 0 | Ogilvie, Rev. W., 7*l.*<br>M'Cabe, J., 32*l.*<br>Welsh, H., 40*l.* |
| 954 | Cullen Par. Sch. | V., X., XII., XXIII. | 51 | 0 | 0 | Cramond, W. |
| 955 | Darvel, Brown's Institute | XIV. | 21 | 0 | 0 | Clelland, J. |
| 956 | Dollar Institution | II., III., XXIII. | 13 | 0 | 0 | Macdonald, J., 11*l.*<br>Bain, R. L., 2*l.* |
| 957 | Duffus Sch. | V., IX., XII., XXIII. | 13 | 0 | 0 | Tindal, J. J. |
| 958 | Dumbarton Burgh Academy | II., III., IV., V., VI., VIII., IX., X., XII., XXII., XXIII. | 153 | 10 | 0 | Dickie, H., 116*l.* 10*s.*<br>Anderson, W., 15*l.*<br>Banks, G., 5*l.*<br>Cormack, A., 9*l.*<br>Johnson, C. H., 8*l.* |
| 959 | Dumfries Sch. of Art, Academy Street. | II., III. | 12 | 0 | 0 | Bain, G. |
| 960 | Dundee Sch. of Art | I., II., III. | 74 | 0 | 0 | Kennedy, J. |
| 961 | „ Institute, Tay Square | I., II. | 17 | 0 | 0 | Grubb, D. S. |
| 962 | „ Young Men's Christ. Assoc. | V., VI., VII., VIII., IX., X., XXII. | 75 | 10 | 0 | Cooke, S. |
| 963 | Dunecht, Waterton Sch. | XXIII. | 2 | 0 | 0 | Barclay, J. S. |
| 964 | „ Echt School, Cullerlie. | XXIII. | 6 | 0 | 0 | Thomson, C. |
| 965 | Dunkeld, Little Dunkeld Par. Sch. | V., XXIII. | 5 | 0 | 0 | Milne, J. |
| 966 | East Kilbride Pub. Sch. | IX. | 20 | 0 | 0 | Peacock, M. |
| 967 | Edinburgh, Church of Scot. Trg. Coll. | IX., XXIII. | 217 | 0 | 0 | Mackinlay, P. |
| 968 | „ Pub. Sch. South Gray's Close. | V., VIII., XXIII. | 12 | 0 | 0 | Kerr, A. |
| 969 | „ Watt Inst. and Sch. of Art | V., VI. | 70 | 10 | 0 | Lees, W., 57*l.* 10*s.*<br>Pryde, J., 13*l.* |
| 970 | „ Free Ch. Trg. Coll. | VIII., XIV., XXIII. | 161 | 0 | 0 | Lees, W., 116*l.*<br>Melville, J. A., 3 4*l.*<br>Primrose, J., 11*l.* |
| 971 | „ St. James' Sch. | IX. | 25 | 0 | 0 | Overend, J. |
| 972 | „ Stewart's Inst. | V., VI., X., XXIII. | 91 | 0 | 0 | Wood, P., 65*l.*<br>Robb, G. H., 26*l.* |
| 973 | „ St. Leonard's Pub. Sch. | XIV. | 3 | 0 | 0 | Philip, J. |
| 974 | Ellon, Estab. Ch. Vestry | X. | 25 | 0 | 0 | Jamieson, T. |
| 975 | „ Slain's Pub. Sch. | V., XXIII. | 6 | 0 | 0 | Souter, J. R. |
| 976 | Fraserburgh, Mid St. Academy. | VIII., IX., X., XXIII. | 17 | 0 | 0 | Macgill, W. |
| 977 | „ Par. Sch., Saltoun Place. | XII., XIV., XXIII. | 35 | 0 | 0 | Sutor, J. A. |
| 978 | Fyvie, Public Sch. | V., VIII., IX., XII., XXIII. | 43 | 0 | 0 | Bremner, Rev. A. |
| 979 | Galashiels, St. Peter's Sch. | V. | 6 | 0 | 0 | Bathgate, J. C. |
| 980 | Gartsherrie Academy | II., V., VI., VII., IX., X., XII., XVIII. | 155 | 10 | 0 | Ross, D. |
| 981 | „ The Works Sch. | V., XXIII. | 2 | 0 | 0 | Stewart, W. |

Appendix B.

PAYMENTS TO SCIENCE TEACHERS.

Payments on the Results of the Science Examinations—*cont.*

| No. | School. | Subjects for which Payment was made. | Amount. £ | s. | d. | Names of Teachers. |
|---|---|---|---|---|---|---|
| 982 | Glasgow, Anderson's Univ. | V., IX., X. | 34 | 10 | 0 | Walker, R., 14*l.*; Dittmar, Dr. W., 15*l.* 10*s.*; Laing, A., 5*l.* |
| 983 | „ Free Ch. Normal Sch. | IX., XIV., XXIII. | 349 | 0 | 0 | Kerr, Rev. J., 302*l.*; Dick, A. H., 29*l.*; Macbirnie, J., 21*l.* |
| 984 | „ Mech. Inst. | V., VIII., X. | 105 | 10 | 0 | Thom, A. H., 28*l.*; Tatlock, R. R., 67*l.* 10*s.*; Alexander, P., 10*l.* |
| 985 | „ Sch. of Art and Haldane Academy | I., II., III. | 30 | 0 | 0 | Russell, A.; Banner, A. |
| 986 | „ St. John's Sess. Sch. | V., XIV., XXIII. | 6 | 0 | 0 | Henderson, J. |
| 987 | „ Ch. of Scot. Trng. Coll.. „ Ch. of Scot. Pract. Sch. | V., IX., XII., XIV., XV., XXIII. | 602 | 0 | 0 | Dixon, E. M., 304*l.*; Robertson, J., 169*l.*; Stevenson, J., 124*l.*; Murray, G., 5*l.* |
| 988 | „ Public Sch., Shields Road. | XIV. | 7 | 0 | 0 | Addie, W. E. |
| 989 | „ Anderston Public Sch. | IX. | 69 | 0 | 0 | McNicol, P. |
| 990 | Govan, Eden Villa | I., II., III. | 6 | 0 | 0 | Brown, A. R. |
| 991 | Greenock, The Academy, Kilblain Street. | IX., XIV. | 119 | 0 | 0 | Cook, W. |
| 992 | Hawick, Teviot Grove Academy. | V. | 26 | 0 | 0 | Brand, J. |
| 993 | Insch Par. Sch. | IX., X., XII. | 42 | 10 | 0 | Wilson, J., 34*l.*; Mackie, G., 8*l.* 10*s.* |
| 994 | Inverkeithny Public Sch. | VIII., XXIII. | 19 | 0 | 0 | Martin, W. |
| 995 | Inverness Raining's Sch. | XIV. | 4 | 0 | 0 | Duncan, W. S. |
| 996 | Johnstone Wkg. Men's Inst. | II. | 20 | 0 | 0 | Millar, R. |
| 997 | Keig Public Sch. | XIV. | 13 | 0 | 0 | Chree, G. |
| 998 | Keith Public Sch. | V., XIV., XXIII. | 38 | 0 | 0 | Grant, J. |
| 999 | Kilmarnock, Kay Sch., Wellington Street. | IX. | 15 | 0 | 0 | Kennedy, R. |
| 1000 | „ Princes Street, New Academy. | I., II. | 9 | 0 | 0 | Neill, J.; Mitchell, J. |
| 1001 | „ Sch. of Art and Science. | I., II. | 22 | 0 | 0 | Black, F. M. |
| 1002 | „ West Netherton Sch. of Industry. | I., II., XXII. | 43 | 0 | 0 | Galt, J. |
| 1003 | „ Lesser Temperance Hall. | XIV. | 10 | 0 | 0 | Webster, Rev. A.; McVail, J. C. |
| 1004 | King Edward Paroch. Sch. | I., II., V., IX., XII., XXIII. | 47 | 0 | 0 | Milne, Rev. J. |
| 1005 | Kingussie Schoolroom, High Street. | V., VI., IX., XXIII. | 32 | 0 | 0 | Stevens, J. |
| 1006 | Langholm Public Sch. | V. | 8 | 0 | 0 | Allan, J. G. |
| 1007 | Largs, Brisbane Sch. | IX., X. | 77 | 0 | 0 | Jeffrey, G. |
| 1008 | Leith, Navigation Sch. | XX. | *84 | 17 | 2 | Bolam, J. |
| 1009 | Leven Greig. Inst. | II., III., V., XXIII. | 70 | 0 | 0 | Lyall, A. |
| 1010 | Lochee Free Sch. | I., II. | 27 | 0 | 0 | Grubb, W. M. |
| 1011 | Macduff Public Sch., Duff Street. | XXIII. | 10 | 0 | 0 | Renton, D. |
| 1012 | Midmar Parochial Sch. | I., VIII., XXIII. | 17 | 0 | 0 | Hosie, J. |
| 1013 | Montrose Academy | X. | 31 | 0 | 0 | Jamieson, T. |
| 1014 | Monymusk Public Sch. | XII. | 9 | 0 | 0 | Spittal, J. |
| 1015 | Newhills, Stoneywood Schs. | VI., VIII. | 15 | 0 | 0 | Williamson, W. A. |
| 1016 | Paisley Sch. of Art | I., II., III. | 37 | 0 | 0 | Stewart, W. |
| 1017 | Perth, Kinnoull Par. Sch. | XIV., XXIII. | 11 | 0 | 0 | Thomson, J. |
| 1018 | „ Sch. of Art | II., III., IX., X. | 12 | 10 | 0 | Stevenson, R. J., 4*l.*; Young, F. W., 8*l.* 10*s.* |
| 1019 | Pollokshaws, Sir John Maxwell Sch. | II. | 10 | 0 | 0 | McKenzie, M. |
| 1020 | Port Elphinstone Public Sch. | V., XXIII. | 15 | 0 | 0 | Keys, W. |
| 1021 | Port Glasgow Public Sch., Academy Place. | II. | 23 | 0 | 0 | Pilling, J |

* Including 3*l.* 17*s.* 2*d.* capitation grant.

Payments on the Results of the Science Examinations—*cont.*



| No. | School. | Subjects for which Payment was made. | Amount. £ | s. | d. | Names of Teachers. |
|---|---|---|---|---|---|---|
| 1022 | Renfrew Grammar Sch. | II., III. | 8 | 0 | 0 | Stewart, W. |
| 1023 | Rhynie Public Sch. | XXIII. | 10 | 0 | 0 | Petrie, Rev. J |
| 1024 | Rothesay Academy and Thomson's Inst. | V., VIII., IX., XXIII. | 53 | 0 | 0 | M'Leod, D., 38*l.*<br>M'Kay, J., 15*l.* |
| 1025 | Stormontfield Public Sch. | XXIII. | 5 | 0 | 0 | McIndoe, J. S. |
| 1026 | Strathdon Par. Sch. | V., XII. | 12 | 0 | 0 | Innes, J. B. |
| 1027 | Tarbolton Public Sch., No. 1 | XIV. | 11 | 0 | 0 | Stewart, A. |
| 1028 | Tarland, Coldstone Public Sch. | VIII. | 7 | 0 | 0 | Michie, J. G. |
| 1029 | Tillicoultry Public Sch. | V. | 1 | 0 | 0 | Watson, G. |
| 1030 | Torphins Public Sch. | IX., XII. | 12 | 0 | 0 | Millar, A. |
| 1031 | Towie Public Sch. | IX., XIV. | 18 | 0 | 0 | Bisset, J. |
| | | | 4219 | 7 | 2 | |

IRELAND.

| | | | | | | |
|---|---|---|---|---|---|---|
| 1032 | Adamstown, Carrigbyrne Nat. Sch. | V. | 4 | 0 | 0 | O'Connor, J. |
| 1033 | Antrim High Street Nat. Sch. | XII., XXIII. | 7 | 0 | 0 | Foley, M. R. |
| 1034 | „ Male Nat. Sch. | V. | 2 | 0 | 0 | Savage, H. |
| 1035 | Armagh, Ballcer Nat. Sch. | IX. | 29 | 0 | 0 | Lilley, J. |
| 1036 | „ Natural Hist. and Phil. Soc. | VIII., IX., X., XI. | 62 | 0 | 0 | McKimm, S., 52*l.*<br>Baikie, P., 10*l.* |
| 1037 | Auchnacloy, Mill Street Nat. Sch. | XXIII. | 8 | 0 | 0 | Graham, T. I. |
| 1038 | „ Showerflood Nat. Sch. | IX. | 12 | 0 | 0 | Holmes, W. |
| 1039 | „ Clonanese Nat. Sch. | XXIII. | 2 | 0 | 0 | White, J. |
| 1040 | Bailieboro' Model Sch. | V., IX. | 121 | 10 | 0 | Doherty, J. J.<br>Sharkey, J. |
| 1041 | Ballymena, Protestant Hall | IX., XII., XIV., XV. | 22 | 0 | 0 | Knowles, W. J. |
| 1042 | „ Guy's Sch., Wellington Street. | VIII., IX., XIV. | 21 | 0 | 0 | Alexander, J. |
| 1043 | „ Galgorm Nat. Sch. | VIII. | 3 | 0 | 0 | Hatton, S. |
| 1044 | „ Monaghan Nat. Sch. | XIV. | 3 | 0 | 0 | Cameron, W. J. |
| 1045 | „ Harryville Nat. Sch. | V., XXIII. | 7 | 0 | 0 | Francey, J. |
| 1046 | „ Slaght Nat. Sch. | V., XXIII. | 4 | 0 | 0 | Francey, J. |
| 1047 | Ballymoney Model Sch. | V., VIII., IX., XII. | 111 | 0 | 0 | Craig, W. |
| 1048 | „ Stranocum Nat. Sch. | IX. | 8 | 0 | 0 | Graham, S. |
| 1049 | Ballynahinch, Drumaness Mill Sch. | VIII., IX. | 13 | 0 | 0 | McDowell, J. D. |
| 1050 | „ Nat. Sch., Railway Street. | V., VIII., IX., XXIII. | 13 | 0 | 0 | McGregor, T. |
| 1051 | „ Spa Sch. | VIII., IX. | 8 | 0 | 0 | McGregor, T. |
| 1052 | Ballinamore Nat. Sch. | XXIII. | 2 | 0 | 0 | Birney, J. |
| 1053 | Ballyronan, Young Men's Chr. Assoc. | VIII., IX. | 9 | 0 | 0 | Charleton, R. |
| 1054 | Banagher, Royal Sch., Cuba House. | V., XXIII. | 17 | 0 | 0 | Joyce, P. K. |
| 1055 | Banbridge, No. 2 Nat. Sch. | V., VIII. | 8 | 0 | 0 | Conkey, W. A. |
| 1056 | Belfast, Government Sch. of Art. | II., III. | 10 | 0 | 0 | Lindsay, T. M. |
| 1057 | „ Ashmore St. Nat. Sch. | V., VIII., IX., XX., XXIII. | 35 | 0 | 0 | Bingham, H.,<br>Allen, T., 31*l.* |
| 1058 | „ Currie Nat Sch. | XIV. | 6 | 0 | 0 | Simpson, J. |
| 1059 | „ Old Lodge Road Nat. Sch. | V., IX., XXIII. | 36 | 0 | 0 | Morrison, S. |
| 1060 | „ St. George's Lecture Hall | II., V., VI., VII., VIII., IX., X., XI., XII., XIV., XVI., XVII., XXII., XXIII. | 108 | 0 | 0 | Whitford, W.<br>Robinson, J. R.<br>Bingham, H. |
| 1061 | „ Albion Street Nat. Sch. | X., XIV. | 7 | 10 | 0 | Woods, A. A. |
| 1062 | „ Argyle Place Nat. Sch. | IX., XXIII. | 21 | 0 | 0 | Erskine A. |

Appendix B.

PAYMENTS TO SCIENCE TEACHERS.

## Payments on the Results of the Science Examinations—*cont.*

| No. | School. | Subjects for which Payment was made. | Amount. £ | s. | d. | Names of Teachers. |
|---|---|---|---|---|---|---|
| 1063 | Belfast Workg. Men's Inst. | V., VI., VIII., IX., X., XI., XII., XIV., XV., XVI., XXIII. | 236 | 0 | 0 | Barklie, R., 199*l.*<br>Dewar, E. P., 37*l.* |
| 1064 | „ Old Park Nat. Sch. | XII., XXIII. | 2 | 0 | 0 | Campbell, D. |
| 1065 | „ Linfield Rd. Nat. Sch. | V., IX., XII., XIV. | 29 | 0 | 0 | Speers, R. |
| 1066 | „ Welsh Street Nat. Sch. | V., VIII., IX., XIV., XVI., XVII., XX., XXIII. | 19 | 0 | 0 | Bingham, H. |
| 1067 | „ Model Sch., Falls Road | V., VIII., IX., XV., XXIII. | 134 | 0 | 0 | McGrath, J., 43*l.*<br>Gregg, E., 91*l.* |
| 1068 | „ People's Lit. Inst., 16, Donegal Street | VIII., IX., X., XVI., XVII. | 42 | 0 | 0 | Barbour, S., 23*l.*<br>Browne, W. J., 19*l.* |
| 1069 | „ Tenant Street Nat. Sch. | XXIII. | 2 | 0 | 0 | Hunter, R. |
| 1070 | „ Bridge End Nat. Sch., Ballymacarrett. | VIII., IX., XII. | 10 | 0 | 0 | Brown, R. |
| 1071 | „ Crumlin Road News Room | VIII., IX. | 27 | 0 | 0 | Alexander, W. J., 23*l.*<br>Bingham, T., 4*l.* |
| 1072 | Benburb Nat. Sch. | VIII., IX., XXIII. | 44 | 0 | 0 | Robinson, S., 23*l.*<br>Orr, J., 21*l.* |
| 1073 | Blackwatertown Nat. Sch. | VIII., IX., XII., XIV. | 17 | 0 | 0 | Campbell, D., 13*l.*<br>Connolly, J., 4*l.* |
| 1074 | Bunbrusna, Farra Sch. | V., VI., VIII., IX., XIV., XXIII. | 99 | 0 | 0 | Beattie, W. |
| 1075 | Bushmills Ballytober Nat. Sch. | IX., XXIII. | 6 | 0 | 0 | Stewart, T. |
| 1076 | Caledon Infant and Parish Schs. | XXIII. | 6 | 0 | 0 | McIlroy, R. |
| 1077 | Carrickfergus Model Sch. | V., VIII., IX., XXIII. | 33 | 0 | 0 | Stevenson, J. McN. |
| 1078 | Carrigallen, Beaghmore Nat. Sch. | V. | 7 | 0 | 0 | O'Rorke, P. |
| 1079 | Castleblayney, Oram Nat. Sch. | V., XXIII. | 11 | 0 | 0 | McMahon, M. |
| 1080 | „ Tullyharnett Ivy Ho. Sch. | IX., XXIII. | 9 | 0 | 0 | Cross, J. |
| 1081 | Castlewellan, Annsborough Nat. Sch. | VIII., IX. | 21 | 0 | 0 | Maguire, D. |
| 1082 | Clonakilty, No. 2 Nat. Sch. | VIII., IX., XXIII. | 13 | 0 | 0 | MacMillen, R. |
| 1083 | Coagh, Aughavey Nat. Sch. | VIII., IX., XIV., XXIII. | 24 | 0 | 0 | Charleton, R. |
| 1084 | „ Nat. Sch. | V. | 1 | 0 | 0 | Charleton, R. |
| 1085 | Coalisland Infant Sch. | VII., IX. | 7 | 0 | 0 | Campbell, W. |
| 1086 | Coleraine Model Sch. | V., IX., XIV., XX. | 59 | 0 | 0 | Bresland, J. |
| 1087 | Convoy Nat. Sch. | VIII., XXIII. | 2 | 0 | 0 | Calderwood, H. |
| 1088 | Cookstown Academy, Railway Road. | VIII., IX. | 12 | 0 | 0 | Campbell, W. |
| 1089 | Cooraclare Nat. Sch. | V., VIII., IX., XXIII. | 92 | 0 | 0 | McDermott, C. |
| 1090 | Cork, District Model Sch. | VIII., IX. | 18 | 0 | 0 | Latchford, G. D |
| 1091 | „ Carmichael Sch. | VIII., IX., XIV., XXIII. | 79 | 0 | 0 | Robinson, J. |
| 1092 | „ Sch. of Sci. and Art | I., II., III. | 12 | 0 | 0 | Brenan, J. |
| 1093 | Crumlin, Laurelvale Sch. | V., IX., XXIII. | 50 | 0 | 0 | Dixon, G. |
| 1094 | Cullybackey, Sci. Class Room | XII., XIV., XV. | 6 | 0 | 0 | Knowles, W. J. |
| 1095 | „ Nat. Sch. | V., VIII., XIV. | 16 | 0 | 0 | Logan, J. |
| 1096 | Donaghadee, Male Nat. Sch., Shore Street. | XII., XXIII. | 12 | 0 | 0 | Young, W. J. |
| 1097 | Donegal, Nat. Sch., Waterloo Place. | V. | 3 | 0 | 0 | Hunter, J. A. R. |
| 1098 | Drum Nat Sch. | IX. | 22 | 0 | 0 | Strain, W. |
| 1099 | Drumlough Nat. Sch. | IX. | 1 | 0 | 0 | Tait, J. |
| 1100 | Drummond, Powerscourt Nat. Sch. | IX., XII. | 8 | 0 | 0 | Bell, J. |
| 1101 | Dublin, Santry Sch. | I. | 2 | 0 | 0 | Mayne, A. J. |
| 1102 | „ Erasmus Smith's Sch. | V., XIV., XXIII. | 21 | 0 | 0 | Murphy, J. E. H. |
| 1103 | „ Mech. Inst. | X., XI., XII. | 22 | 0 | 0 | Arnull, T., 3*l.*<br>Bayley, T., 19*l.* |
| 1104 | Dunadry Muckamore Nat. Sch. | IX. | 4 | 0 | 0 | Skillen, H. A. |
| 1105 | Dundalk Educ. Inst. | I., V., VI., VIII., IX., X., XX., XXIII. | 204 | 0 | 0 | McEwen H., 7*l.*<br>Turner, J. W., 127*l.* |

Payments on the Results of the Science Examinations—*cont.*



| No. | School. | Subjects for which Payment was made. | Amount. £ | s. | d. | Names of Teachers. |
|---|---|---|---|---|---|---|
| 1106 | Dundrum Downshire Sch. | XXIII. | 9 | 0 | 0 | Teer, D. |
| 1107 | Dunganuon, Erasmus Smith's Sch. | V., VIII., IX., XXIII. | 34 | 0 | 0 | Orr, Jacob, 19*l.*<br>Boyd, J., 15*l.* |
| 1108 | Dunmanway, Derinacahara Nat. Sch. | V., XXIII. | 9 | 0 | 0 | Buckley, T. |
| 1109 | „ Tonafora Model Sch. | VIII., XXIII. | 25 | 0 | 0 | Reynolds, E. |
| 1110 | „ District Model Sch. | XXIII. | 6 | 0 | 0 | Crowley, M. A. |
| 1111 | Enniskillen, Model Nat. Sch. | IX. | 21 | 0 | 0 | Morris, C. |
| 1112 | „ Garvery Nat. Sch. | V., IX. | 10 | 0 | 0 | Curran, Peter. |
| 1113 | Foxford Boys' Nat. Sch | V. | 14 | 0 | 0 | Henry, W. |
| 1114 | Gilford Mill Sch. | VIII., IX. | 38 | 0 | 0 | Martin, H. |
| 1115 | Grange O'Neilland Parochial Sch. | V., IX., XXIII. | 20 | 0 | 0 | Baile, Robt. |
| 1116 | Grey-Abbey Nat. Sch. | XIV., XV., XVI., XXIII. | 7 | 0 | 0 | Walker, W. |
| 1117 | Hillsborough, Anabilt Endowed Sch. | VIII., IX. | 7 | 0 | 0 | Clements, A. |
| 1118 | „ Boys' Sch. | XXIII. | 5 | 0 | 0 | Reade, H. M. |
| 1119 | „ Nat. Sch. | XXIII. | 1 | 0 | 0 | Kerr, J. |
| 1120 | Holywood, Sullivan Sch. | VIII., IX., X., XXII. | 64 | 16 | 0 | Speers, Adam. |
| 1121 | Kanturk Nat. Sch., Strand St. | XXIII. | 4 | 0 | 0 | O'Callaghan, J. |
| 1122 | Kilkee Nat. Sch., Chapel St. | V., XX., XXIII. | 11 | 0 | 0 | Devine, M. J. |
| 1123 | Kilkenny, College of St. Kyran. | IX., X., XXIII. | 41 | 0 | 0 | Headen, W. P. |
| 1124 | „ Model Sch. | V., VIII., IX. | 14 | 0 | 0 | McDonald, W. J. |
| 1125 | Killadysert Male Nat. Sch. | V., VIII., XXIII. | 13 | 0 | 0 | Fitzgerald, D. |
| 1126 | Killyleagh, Shrigley Schoolhouse. | IX., XII. | 14 | 0 | 0 | Gilmore, R. M. |
| 1127 | Killyman Nat. Sch. | IX. | 11 | 0 | 0 | Orr, J. |
| 1128 | Kilrea Nat. Sch. | V., VIII., XIV. | 14 | 0 | 0 | Matthews, C. |
| 1129 | Kiltyclogher Nat. Sch. | VIII., IX. | 7 | 0 | 0 | Maguire, F. |
| 1130 | Kircubbin Nat. Sch. | IX. | 7 | 0 | 0 | Stuart, J. D. |
| 1131 | Larne Model Agric. Sch., Main Street. | V., IX., XX. | 10 | 0 | 0 | Crooks, W. J. |
| 1132 | „ North End Nat. Sch. | V., VIII. | 7 | 0 | 0 | Devlin, J. |
| 1133 | Laurencetown, Bann Male Nat. Sch. | V., VI., IX. | 3 | 0 | 0 | Fitzpatrick, T. |
| 1134 | Letterkenny High Sch. | V., IX. | 22 | 0 | 0 | Gallagher, F. |
| 1135 | Ligoniel Wolfhill Mill Nat. Sch. | V., VIII., X. | 69 | 0 | 0 | Barbour, S. |
| 1136 | Limerick Model Sch., Military Road. | VI., IX. | 35 | 0 | 0 | Moylan, J. |
| 1137 | Lisburn, Ballymacbrennan Nat. Sch. | IX., XII. | 6 | 0 | 0 | Deans, J. |
| 1138 | „ Railway Street Nat. Sch. | VIII., IX., XII., XIV., XV., XVI., XXIII. | 18 | 0 | 0 | Higginson, J., 6*l.*<br>McClelland, A., 12*l.* |
| 1139 | „ Legacurry Nat. Sch. | XXIII. | 2 | 0 | 0 | Garrett, W. |
| 1140 | „ Market Square Nat. Sch. | IX., X., XII., XIV., XXIII. | 26 | 0 | 0 | Whitford, W.<br>Hull, S. |
| 1141 | „ Knockmore Sch. | V., XXIII. | 5 | 0 | 0 | McMullen, Jas. |
| 1142 | „ Prospect Hill Sch. | XII. | 5 | 0 | 0 | Radley, J. |
| 1143 | „ Cargycroy Nat. Sch. | VIII., IX., XXIII. | 7 | 0 | 0 | Fowler, A. |
| 1144 | Lisded Nat. Sch., Derrygonnelly. | IX., XXIII. | 3 | 0 | 0 | Magennis, P. |
| 1145 | „ Moyglass Nat. Sch. | IX., XXIII. | 10 | 0 | 0 | Magennis, P. |
| 1146 | Londonderry, Gwyn's Inst. | VIII., XIV., XXIII. | 28 | 0 | 0 | Snowdon, W. J. |
| 1147 | „ Male Nat. Sch. | V., VIII., IX., XIV., XXIII. | 134 | 10 | 0 | Patterson, W. |
| 1148 | „ E. Smith's Nat. Sch. | VIII., IX., XXIII. | 7 | 0 | 0 | Heagan, R. |
| 1149 | Lurgan Model Sch. | VIII., IX., XXIII. | 37 | 0 | 0 | Porter, G., 31*l.*<br>Collins, L., 6*l.* |
| 1150 | „ Nat. Sch. | V., VI. | 26 | 0 | 0 | Porter, G. |
| 1151 | „ Donacloney, Banoge Sch. | VIII., IX., XXIII. | 40 | 0 | 0 | Porter, G. |
| 1152 | Magherafelt, No. 2 Nat. Sch. | V., IX., XII., XIV. | 25 | 0 | 0 | McMurray S. |
| 1153 | Markethill, Nat. Sch. | V., IX., XII., XXIII. | 19 | 0 | 0 | Todd, C. |
| 1154 | Milford (Armagh) Male Nat. Sch. | VIII., IX. | 12 | 0 | 0 | Hamilton, J. |
| 1155 | „ (Donegal) Nat. Sch. | VIII., XXIII. | 8 | 0 | 0 | Scott, J. |
| 1156 | Milltown Male Nat. Sch. | V. | 24 | 0 | 0 | O'Connell, P. A. |

Appendix B.

PAYMENTS TO SCIENCE TEACHERS.

## Payments on the Results of the Science Examinations—*cont.*

| No. | School. | Subjects for which Payment was made. | Amount. £ | s. | d. | Names of Teachers. |
|---|---|---|---|---|---|---|
| 1157 | Moira Brookfield's Agric. Sch. | XXIII. | 9 | 0 | 0 | Davidson, J. M. |
| 1158 | „ Nat. Sch. | IX. | 2 | 0 | 0 | Calcutt, T. |
| 1159 | Monaghan Model Sch. | VIII., IX., X., XIV. | 18 | 0 | 0 | Linehan, P. |
| 1160 | Moneymore, Academy | V., VIII., XII., XV., XXIII. | 23 | 0 | 0 | Crooks, W. |
| 1161 | „ Ballygoney Nat. Sch. | VIII., IX., XIV., XV., XXIII. | 17 | 0 | 0 | Greer, J. |
| 1162 | „ Tamlaght Sch. | VIII., IX., XIV., XV., XXIII. | 27 | 0 | 0 | Greer, J., 17*l.*<br>McKee, T. J., 9*l.*<br>McKee, J., 1*l.* |
| 1163 | Mossley Nat Sch. | V., IX. | 27 | 0 | 0 | Paisley, J. |
| 1164 | Mountcharles, Erasmus Smith's Sch. | IX. | 1 | 0 | 0 | McDonagh, T. |
| 1165 | Mountmellick Provincial Sch. | IX., XXIII. | 40 | 0 | 0 | Clements, W. T. |
| 1166 | Moy No. 2, Nat. Sch. | IX. | 21 | 0 | 0 | Parks, M. |
| 1167 | Moyne, St. Mary's Seminary. | V. | 9 | 0 | 0 | O'Rourke, P. |
| 1168 | Moys Nat. Sch. | VIII., IX., XXIII. | 18 | 0 | 0 | Graham, P. |
| 1169 | Newbliss, Drumhilla Nat. Sch. | IX. | 7 | 0 | 0 | Thomson, W. W. |
| 1170 | Newmarket Meelin Nat. Sch. | V. | 11 | 0 | 0 | Browne, J. G. |
| 1171 | Newry, Shinn Nat. Sch. | VIII., IX. | 2 | 0 | 0 | Shields, J. |
| 1172 | Newtownards Model Sch. | V., VI., VIII., IX., XII., XXIII. | 126 | 0 | 0 | Harbison, M., 57*l.*<br>Browne, W.J., 49*l.*<br>Murphy, J., 20*l.* |
| 1173 | Newtownstewart, Model Sch. | XXIII. | 12 | 0 | 0 | Morrison, M. |
| 1174 | Omagh, Model Sch. | IX., XII., XIV. | 86 | 0 | 0 | Ferguson, S. H. |
| 1175 | Portaferry, Nat. Sch. | VIII., IX., XVI., XVII. | 12 | 0 | 0 | Begley, G. R. |
| 1176 | „ Ballyphilip Nat. Sch. | VIII., IX., XVI., XVII., XX., XXI. | 24 | 0 | 0 | Doyle, P. |
| 1177 | Portglenone, Market House Sch. | IX., XII. | 26 | 0 | 0 | Knowles, W. J. |
| 1178 | Portrush Nat. Sch., No. 2 | V., IX., XII., XXIII. | 31 | 0 | 0 | Porter, W. J. |
| 1179 | Portstewart Nat. Sch. | IX. | 10 | 0 | 0 | McCahon, Robert. |
| 1180 | Poyntzpass, Taniokey Nat. Sch. | VIII., XII., XIV. | 46 | 0 | 0 | Watson, W. |
| 1181 | „ Nat. Sch. | XII. | 8 | 0 | 0 | Watson, J. |
| 1182 | Queenstown Nat. Sch. | VIII., XXIII. | 3 | 0 | 0 | Crawford, J. B.<br>Gibson, A. |
| 1183 | Raphoe, Court House, Diamond. | VIII., XXIII. | 12 | 0 | 0 | Cotter, E. G. |
| 1184 | Rathfryland Nat. Sch. | V., VIII., IX., XXIII. | 20 | 0 | 0 | Williams, T. M. |
| 1185 | Richhill, Erasmus Smith's Sch. | IX., XXIII. | 19 | 0 | 0 | Baile, R. |
| 1186 | „ Ballinahinch Nat. Sch. | XXIII. | 3 | 0 | 0 | Douds, J. |
| 1187 | Rockcorry, Corravacan Nat. Sch. | IX., XXIII. | 7 | 0 | 0 | Corry, J. |
| 1188 | Roscrea Young Men's Chris. Assoc. | V., VI., VIII., IX., X., XII., XVI., XVII., XXIII. | 24 | 10 | 0 | Gahan, M., 1*l.*<br>Gahan, G., 12*l.*<br>Gahan, W. P., 11*l.* 10*s.* |
| 1189 | Roslea, Shanroe Schoolroom | V., VI., VIII., IX., X. | 19 | 0 | 0 | Nicholl, W. |
| 1190 | Sandholes Nat. Sch. | VIII., XIV. | 19 | 0 | 0 | Campbell, W. |
| 1191 | Skibbereen, No. 1 Nat. Sch., North Street. | V., XXIII. | 17 | 0 | 0 | Harrington, M. |
| 1192 | Sligo, St. John's Sch., Chapel Street. | V. | 44 | 0 | 0 | Hayes, Edward. |
| 1193 | „ District Model Sch. | V. | 11 | 0 | 0 | Feehan, J. |
| 1194 | Stewartstown, No. 2 Nat. Sch. | VII., VIII., IX., XXIII. | 5 | 0 | 0 | Campbell, W. |
| 1195 | „ Donaghy Nat. Sch. | VIII., XIV. | 9 | 0 | 0 | Campbell, W. |
| 1196 | „ Eras. Smith's Sch., Ballyclog. | IX. | 5 | 0 | 0 | Gilleland, W. H. |
| 1197 | Tubbercurry, Court House, Whitehall Street. | V. | 4 | 0 | 0 | Durcan, J. W. |
| 1198 | Waterford, Model Sch. | V., IX., X. | 31 | 10 | 0 | Dowling, J. |
| 1199 | Whitegate, Corkbeg Terrace Nat. Sch. | VIII., IX., XXIII. | 20 | 0 | 0 | Stevenson, T. |
| 1200 | Whitehouse Nat. Sch. | V., IX., XII. | 17 | 0 | 0 | Cleland, J. M. |
| | Total for Ireland | | 4,062 | 6 | 0 | |
| | Total for the United Kingdom | | 42,474 | 5 | 4 | |

14. List of SCIENCE TEACHERS to whom Payments have been made during the Year 1875, as stated in the preceding Table.



| Name. | Number in preceding Table. |
|---|---|
| Abbott, James | 398 |
| Abbott, Thomas | 788 |
| Adair, Simon | 587 |
| Adams, Henry | 515 |
| Adams, Miss Martha | 693 |
| Adcock, John H. | 510 |
| Addie, W. E. | 988 |
| Addiscott, Charles J. | 47, 48 |
| Adlard, Benjamin T. | 305 |
| Ager, William N. | 863 |
| Ainsworth, James H. | 675 |
| Ainsworth, John D. | 811 |
| Akroyd, Benjamin | 285, 327, 329, 852, 873 |
| Alderton, William M. | 129 |
| Alexander, John | 1,042 |
| Alexander, Peter | 984 |
| Alexander, William J. | 1,071 |
| Allan, John G. | 1,006 |
| Allberry, Edmund | 585 |
| Allen, Henry | 846 |
| Allen, Thomas | 1,057 |
| Allen, Thomas H. | 858 |
| Allott, James | 361, 362, 796 |
| Ames, James Z. | 457 |
| Amos, Edmund | 415 |
| Anderson, William | 958 |
| Andrews, Edwin J. | 899 |
| Andrews, Thomas N. | 253, 706, 707, 708 |
| Angel, Henry | 466, 499 |
| Angell, John | 587, 598 |
| Angrave, Alfred H. | 661 |
| Archard, Thomas | 904 |
| Arnall, Thomas | 1,103 |
| Arnold, W. J. | 210 |
| Ascough, William | 282 |
| Ash, M. A. | 399 |
| Ashworth, John | 629 |
| Aston, Edward Y. | 237, 240, 242 |
| Atchley, G. F. | 133 |
| Atkins, Edward | 412 |
| Atkins, Rev. George | 469 |
| Atkins, John W. | 905 |
| Atkinson, W. H. | 143 |
| Austin, B. J. | 733 |
| Aveling, E. B. | 466 |
| Bacon, J. | 148 |
| Baikie, Peter | 1,036 |
| Baile, Robert | 1,115, 1185 |
| Bailey, George H. | 32 |
| Bailey, James | 443 |
| Bailey, John B. | 609 |
| Bailey, Miss M. | 470 |
| Bain, George | 959 |
| Bain, Robert L. | 942, 956 |
| Baker, Samuel, jun. | 62 |
| Baker, T. J. | 57 |
| Baker, William H. | 569 |
| Balchin, Richard | 533 |
| Baldwin, Thomas | 164 |
| Bale, Frederick | 265, 920 |
| Ball, Edward | 72 |
| Ballantyne, Edmund | 533 |
| Bamkin, William | 713 |
| Bancroft, Reuben | 392 |
| Banks, George | 958 |
| Banner, Alexander | 985 |
| Barbour, Samuel | 1,068, 1,135 |
| Barclay, John S. | 963 |
| Barkby, Edwin | 456 |
| Barker, John | 838 |
| Barklie, Robert | 1,063 |
| Barlow, Edwin | 17 |
| Barlow, William | 313, 353, 896 |
| Barnes, William H. | 751 |
| Barnett, A. K. | 694 |
| Barnett, G. | 841 |
| Barratt, Richard | 295, 860 |
| Barratt, William J. | 248 |
| Barrett, D. | 386 |
| Barrodaile, Samuel | 821, 825 |
| Barrow, James H. | 430 |
| Barrow, Richard | 193 |
| Bartlett, C. M. | 246 |
| Baskett, George W. | 199, 201, 202 |
| Bason, Samuel | 227 |
| Bassett, F. | 772 |
| Bateman, James, jun. | 387 |
| Bates, G. M. T. | 296 |
| Bates, Joseph I. | 205, 206 |
| Bathgate, James C. | 979 |
| Batterbee, N. S. | 298 |
| Battersby, William | 89 |
| Battye, Joseph I. | 589 |
| Bax, Robert | 24, 638, 732 |
| Bayley, Thomas | 1,103 |
| Beach, George | 67 |
| Beale, Alfred J. | 29 |
| Beale, John H. | 29 |
| Beard, John | 122, 123 |
| Beattie, William | 1,074 |
| Beavis, John | 618 |
| Bedford, James | 659 |
| Beer, Thomas | 243 |
| Beeston, Joseph | 549 |
| Begley, George R. | 1,175 |
| Bell, Joseph | 1,100 |
| Bell, Thomas | 142 |
| Bence, Henry | 262 |
| Benians, William A. | 565 |
| Bennett, William (Leamington). | 396 |
| Bennett, William (Worcester). | 921 |
| Bennett, William J. | 254 |
| Berry, Clement H. | 418 |
| Bethell, G. W. | 916 |
| Betley, Ralph | 897 |
| Bettel, William | 620 |
| Betteridge, Frederick | 291 |
| Betton, Alfred | 76 |
| Betts, Edmund W. | 167, 168, 317, 832 |
| Bewsher, S. | 587 |
| Biffen, Henry J. | 179 |
| Biggs, Annie | 135 |
| Biggs, C. H. W. | 733 |
| Billingham, Edwin | 578 |
| Bingham, Henry | 1,057, 1,060, 1,066 |
| Bingham, Thomas | 1,071 |
| Binns, Alfred | 579 |
| Bird, Charles | 116 |
| Bird, George | 842 |
| Birkby, Thomas S. | 29 |
| Birkmyer, James B. | 289, 290 |
| Birney, James | 1,052 |
| Birtwistle, J. | 45 |

Appendix B.

List of Science Teachers.

Science Teachers to whom Payments have been made—*continued.*

| Name. | Number in preceding Table. | Name. | Number in preceding Table. |
|---|---|---|---|
| Bishop, George | 914 | Bulman, John | 148, 235 |
| Bisset, James | 1,031 | Burall, Thomas | 243 |
| Black, F. M. | 945, 1,001 | Burbidge, Rev. F. W. | 772 |
| Blacknell, Edward | 228, 230, 445 | Burgess, John | 561 |
| Bland, John S. | 678 | Burgoin, George | 160 |
| Boait, Francis J. | 717 | Burgoyne, W. T. | 386 |
| Bockin, Charles D. | 615 | Burt, Henry | 369 |
| Bolam, James | 1,008 | Burton, Emmanuel | 272 |
| Bolton, John E. | 595 | Burton, James | 430 |
| Bond, George | 481, 483, 500, 874 | Busbridge, Joseph | 215, 868, 903 |
| | | Busbridge, Walter | 446, 508, 513, 521, 531, 542, 567, 702, 914, 915 |
| Bonney, Henry | 284 | | |
| Booth, James | 603 | | |
| Booth, John | 290 | | |
| Booth, W. S. | 591 | Bush, James | 158 |
| Borrows, H. | 83 | Bush, William | 641 |
| Botheras, Richard | 314 | Butler, William | 432 |
| Botheras, Richard B. | 314 | Butterworth, Theodore | 669 |
| Bottle, Edward | 487 | Butterworth, Thomas | 319 |
| Boucher, Rev. J. S. | 161 | Byatt, Horace | 472, 492, 520 |
| Bourke, W. R. | 491 | Calcutt, Thomas | 1,158 |
| Bourne, Charles F. | 587 | Calderwood, Hugh | 1,087 |
| Bournes, Thomas | 755 | Caldwell, G. J. | 349 |
| Bowden, C. H. | 469 | Calvelly, Robert | 721 |
| Bowden, J. T. | 243, 246, 707, 855 | Calver, A. | 539 |
| | | Cameron, William J. | 1,044 |
| Bowles, John | 538 | Campbell, Daniel | 1,073 |
| Boyd, John | 1,107 | Campbell, David | 1,064 |
| Brade, Thomas H. | 636 | Campbell, H. | 762 |
| Bradford, John | 551 | Campbell, William | 1,085, 1,088, 1,190, 1,194, 1,195 |
| Bradley, James | 376, 604 | | |
| Bradley, Thomas | 604 | | |
| Bradshaw, Matthew H. | 336, 730 | Cannell, James | 143 |
| Bragg, William | 447 | Canning, T. | 63, 73, 78 |
| Brand, James | 992 | Card, Thomas G. | 836 |
| Brandwood, Thomas | 85 | Carlyon, J. T. | 250 |
| Branston, Zacc. H. | 256 | Carr, Byron | 791 |
| Breakwell, William | 907 | Carter, J. | 718 |
| Bremner, Rev. Alex. | 978 | Causer, William G. | 52, 64, 271 |
| Brenan, James | 1,092 | Cawley, T. A. | 386 |
| Brereton, E. W. | 175 | Chadderton, Joseph | 276, 756 |
| Bresland, J. | 1,086 | Chadwick, Jesse | 148, 231, 241, 273, 623 |
| Brett, Albert | 194 | | |
| Brewer, Robert F. | 376, 594, 891 | Chadwick, William | 682 |
| Brewer, Samuel B. | 918 | Chaloner, George | 466 |
| Briant, Arthur J. | 428, 720 | Chambers, Rev. John | 587 |
| Brierly, James | 622, 807 | Champley, George | 790 |
| Briggs, Abram | 724 | Chapman, D. R. | 680 |
| Brightwell, Julia | 562 | Chapple, Frederic | 566 |
| Britton, Sydney J. | 769 | Charleton, Robert | 1,053, 1,083, 1,084 |
| Broad, Thomas | 371 | | |
| Brook, Samuel | 186 | Chree, George | 997 |
| Brook, William | 117 | Christie, Robert W. D. | 605 |
| Brooke, Loombe C. | 464 | Clark, David | 124 |
| Brooks, George H. | 259 | Clark, Henry J. | 543 |
| Brooksbank, James | 675 | Clark, R. G. | 246, 248, 855 |
| Broscomb, James H. | 402 | Clark, Thomas | 140 |
| Brown, A. R. | 990 | Clark, W. N. | 93 |
| Brown, Charles G. | 904 | Clarke, Alfred | 125 |
| Brown, George | 740 | Clarke, Charles | 70, 75 |
| Brown, John | 776 | Clarke, G. J. | 473, 491 |
| Brown, Robert | 1,070 | Clarke, G. W. | 520 |
| Brown, William | 303 | Clarke, P. J. | 102 |
| Browne, John G. | 1,170 | Clarkson, Frank | 515 |
| Browne, W. J. (Belfast) | 1,068, 1,172 | Cleland, J. M. | 1,200 |
| Browne, W. J. (Maidstone) | 582 | Cleland, John | 955 |
| Brownscombe, William | 439 | Clements, A. | 1,117 |
| Bruce, David | 397 | Clements, Hugh | 560 |
| Bryant, J. | 176 | Clements, W. T. | 1,165 |
| Bryant, James E. | 734 | Clews, John H. | 459 |
| Buckley, Timothy | 1,108 | Clifton, C. F. | 518 |
| Buckmaster, C. A. | 680 | Close, Sara | 556 |
| Bullock, Thomas | 354 | Clough, Robert | 49, 770 |

Science Teachers to whom Payments have been made—*continued.*

| Name. | Number in preceding Table. |
|---|---|
| Coates, Edward | 735 |
| Cock, William L. | 92 |
| Cockman, Abraham | 316 |
| Coker, George | 912 |
| Colchester, Charles | 540 |
| Cole, Miss S. | 470 |
| Collins, George | 639 |
| Collins, John | 96 |
| Collins, Lizzie | 1,149 |
| Collins, Thomas | 736 |
| Collins, W. G. H. | 304, 831 |
| Comber, Thomas | 136 |
| Comrie, William | 944 |
| Conkey, William A. | 1,055 |
| Connolly, James | 1,073 |
| Constable, John | 850 |
| Cook, John | 943 |
| Cook, Tom | 628 |
| Cook, William | 946, 991 |
| Cooke, Stephen | 962 |
| Cooper, Zebina | 347 |
| Copley, James | 655 |
| Corbin, P. G. | 810 |
| Corder, Frederick H. | 635 |
| Corfield, George | 217 |
| Corin, William J. | 425 |
| Cormack, Alexander | 958 |
| Corney, Alfred | 775 |
| Cornish, William H. | 557 |
| Corns, John W. | 606 |
| Corrigan, Terence | 596 |
| Corry, John | 1,187 |
| Cotter, Edward G. | 1,183 |
| Cotton, Edwin | 741 |
| Cowham, Joseph H. | 566 |
| Cowley, James | 257 |
| Cowlishaw, George | 231 |
| Cox, A. W. | 79 |
| Cox, Joseph | 749 |
| Cox, William | 793 |
| Craddock, Edwin | 696, 919, 921, 924 |
| Craig, J. | 183 |
| Craig, William | 1,047 |
| Craister, W. | 183, 212 |
| Cramond, William | 954 |
| Craven, William | 913 |
| Crawford, J. B. | 1,182 |
| Crawford, Samuel | 309, 385 |
| Crawley, Rev. S. | 610 |
| Craze, John | 847 |
| Crees, Mary E. | 184 |
| Critchley, Rev. J. M. | 183 |
| Cronshaw, William H. | 4, 5 |
| Crook, Frederick J. | 478, 481, 483 |
| Crooks, William | 1,160 |
| Crooks, W. J. | 1,131 |
| Cross, George | 184 |
| Cross, James | 1,080 |
| Crossley, Abraham | 24, 344, 348, 852 |
| Crossley, Charles J. | 527 |
| Crowley, Mary A. | 1,110 |
| Crowther, G. H. | 792 |
| Crowther, William | 148, 231, 238, 240, 242 |
| Crowther, W. E. | 621 |
| Cryer, Thomas | 296, 354, 403, 927 |
| Cundey, Rev. J. W. | 98 |
| Curnow, John | 12, 857 |
| Curran, Peter | 1,112 |
| Curtis, I. C. | 456 |
| Dalley, Henry | 467 |
| Dangar, Rev. J. G. | 290 |
| Daniel, Rev. E. | 444 |
| Daphne, W. | 772 |
| Dart, Rev. John | 697 |
| Davenport, Thomas | 821 |
| Davey, William C. | 389 |
| Davidson, John M. | 1,157 |
| Davies, Edward | 433 |
| Davies, George W. | 821, 825 |
| Davies, James | 277, 757 |
| Davies, S. W. | 504, 512 |
| Davies, W. M. | 374 |
| Davis, Bessie | 218 |
| Davis, Thomas | 427 |
| Davison, William | 212 |
| Davy, William | 466 |
| Dawkins, William W. | 27 |
| Dawson, George | 268 |
| Dawson, Samuel | 288 |
| Day, Robert W. | 298 |
| Daykin, Henry F. | 379 |
| Dean, John | 94, 426, 624, 805, 852 |
| Deans, James | 1,137 |
| Debnam, A. R. | 248, 712 |
| Dennison, Benjamin | 698 |
| Denton, James | 832 |
| Devine, Michael J. | 1,122 |
| Devlin, John | 1,132 |
| Devonshire, William | 369 |
| Dewar, Elliott P. | 1,063 |
| Dewhurst, H. T. | 894 |
| Dibdin, Henry | 797 |
| Dick, A. H. | 983 |
| Dickie, Hugh | 958 |
| Dickinson, W. J. | 444 |
| Dishart, W. | 212 |
| Dittmar, Dr. W. | 982 |
| Dixon, Alexander C. | 335 |
| Dixon, E. M. | 987 |
| Dixon, George | 1,093 |
| Dixon, William | 162, 891 |
| Dodgson, William | 149, 594, 727 |
| Doherty, Joshua J. | 1,040 |
| Dony, J. | 578 |
| Douds, John | 1,186 |
| Dowlen, Ethelbert | 324 |
| Dowling, James | 1,198 |
| Dowling, Walter E. H. | 511 |
| Downing, Sampson | 95, 395 |
| Doyle, Patrick | 1,176 |
| Drew, George Charles | 484 |
| Dronfield, John | 490, 520, 914 |
| Drury, Arthur E. | 745 |
| Duckett, John B. | 877 |
| Duckett, William | 258 |
| Duerr, George | 149, 350, 742 |
| Dumas, James | 23 |
| Duncan, William S. | 995 |
| Duncum, Joseph E. | 808 |
| Dunkin, William John | 731 |
| Dunn, G. S. | 56, 71 |
| Durcan, James W. | 1,197 |
| Duxbury, James H. | 674 |
| Dye, William | 181 |
| Earp, Francis S. | 467 |
| Easther, Rev. A. | 8 |
| Easton, Harry T. | 475 |
| Eaves, James | 183 |
| Eddy, Henry | 687, 761 |
| Edgecombe, G. H. | 246 |
| Edwards, Stephen | 587 |

Appendix B.

List of Science Teachers.

Science Teachers to whom Payments have been made—*continued.*

| Name. | Number in preceding Table. |
|---|---|
| Eld, Rev. F. J. | 923 |
| Ellercamp, H. G. | 230, 496, 508, 545 |
| Elliott, Thomas | 602 |
| Elliott, William D. | 368 |
| Ellis, Alfred | 916 |
| Ellis, R. J. | 246 |
| Eltoft, Thomas | 515, 542 |
| Embrey, G. | 177, 312 |
| Enright, James | 486 |
| Ensor, Edward G. | 173, 175 |
| Erskine, Alexander | 1,062 |
| Erskine, Donald S. | 196 |
| Ettock, John | 85 |
| Eustice, George W. | 120 |
| Evans, George A. | 132 |
| Evans, John | 1 |
| Evers, Henry | 707 |
| Ewart, E. B. | 430 |
| Exley, John | 630 |
| Fairman, J. B. | 880 |
| Fairmaner, William | 500 |
| Farlie, John B. | 915 |
| Farnsworth, Edwin | 794 |
| Farnsworth, Joshua | 824 |
| Farrar, Edward | 125, 285, 329 |
| Faulkner, Joseph | 500, 532, 547 |
| Faunthorpe, Rev. J. P. | 470 |
| Fedarb, Edwin H. | 568 |
| Feehan, James | 1,193 |
| Fell, John C. | 466 |
| Ferguson, Samuel H. | 1,174 |
| Fewings, James | 131 |
| Field, William | 906 |
| Fielding, C. E. | 373 |
| Filer, Charles | 522 |
| Firth, Daniel | 870 |
| Fisher, Alexander | 129 |
| Fisher, Henry | 466 |
| Fitzgerald, David | 1,125 |
| Fitzpatrick, Thomas | 1,133 |
| Fleming, Archibald | 204 |
| Fleming, Arthur G. | 883 |
| Foister, John S. | 642, 878 |
| Foley, M. R. | 1,033 |
| Forbes, R. T. | 19 |
| Foreman, C. | 769 |
| Foss, George L. | 42 |
| Foster, John | 822 |
| Foster, Thomas J. | 911 |
| Foulds, William | 187 |
| Fowler, Archibald | 1,143 |
| Fox, John | 488 |
| Francey, James | 1,045, 1,046 |
| Francis, Edward | 185, 189 |
| Francis, William | 233 |
| Freeman, Alfred | 893 |
| Freeman, George A. | 139, 691 |
| Freeman, William John | 435 |
| French, Smith | 367 |
| Frost, Joe | 255 |
| Frost, Miss M. | 470 |
| Froysell, J. | 430 |
| Fursey, S. | 95 |
| Gahan, Garner | 1,188 |
| Gahan, Michael | 1,188 |
| Gahan, William P. | 1,188 |
| Gallagher, Francis | 1,134 |
| Galt, John | 1,002 |
| Gamwell, William | 367 |
| Gane, William | 104 |
| Garaway, Francis | 686 |
| Gardiner, Alfonso | 424 |
| Gardiner, Thomas | 514 |
| Gardner, Henry | 442 |
| Gardner, John | 722 |
| Gardner, Thomas | 493 |
| Garner, S. | 127 |
| Garrett, B. | 530, 681 |
| Garrett, Charles W. | 530 |
| Garrett, William | 1,139 |
| Gaskell, William | 658 |
| Gasson, George F. | 693, 761 |
| Gaud, John H. | 848 |
| Gaunt, James | 399 |
| Gautrey, Thomas | 21 |
| Gayne, A. J. | 718 |
| Gee, William | 598 |
| Genner, B. | 882 |
| Geoffroi, H. M. | 692, 861 |
| George, Thomas | 612 |
| Gibbs, James | 921 |
| Gibson, Alexander | 1,182 |
| Gibson, George H. | 13 |
| Gibson, Greenwood | 726 |
| Gibson, Thomas | 673, 817 |
| Gilbert, Herbert | 394 |
| Gill, James | 438 |
| Gill, John (Cheltenham) | 175 |
| Gill, John (Helston) | 346 |
| Gilleland, William H. | 1,196 |
| Gillott, Miss M. | 470 |
| Gilmore, Robert M. | 1,126 |
| Girling, R. G. S. | 163 |
| Gittings, Albert | 933 |
| Gladman, F. J. | 456 |
| Glover, A. W. | 41, 671, 684 |
| Goffin, Robert E. H. | 571 |
| Goldie, E. | 633 |
| Gordon, F. M. | 504 |
| Gordon, George | 429, 433 |
| Gordon, Graham | 674, 879 |
| Gornall, Henry | 110, 255 |
| Gosling, James W. | 253 |
| Gough, Thomas | 934 |
| Gould, Frederick J. | 182 |
| Goyer, Abraham | 912 |
| Graham, James D. | 945 |
| Graham, Peter | 1,168 |
| Graham, Samuel | 1,048 |
| Graham, Rev. T. | 486 |
| Graham, Thomas | 594 |
| Graham, Thomas I. | 1,037 |
| Grainger, G. W. | 835 |
| Grant, Alexander | 555 |
| Grant, James | 998 |
| Grant, John H. | 141 |
| Gray, John | 938 |
| Gray, Philip L. | 809 |
| Greaves, Joseph E. E. | 426, 742, 744, 803, 894 |
| Green, George | 626, 729 |
| Green, James B. | 775 |
| Greenhalgh, John | 722 |
| Greenwood, Holmes | 4, 5 |
| Greer, John | 1,161, 1,162 |
| Gregg, Edward | 1,067 |
| Gregson, Rev. J. | 98 |
| Griffin, James | 228 |
| Griffiths, Thomas | 525 |
| Griffiths, W. T. | 383 |
| Grigsby, William S. | 422, 917 |
| Grimshaw, John | 6 |
| Grindle, Thomas | 599 |
| Grose, Samuel T. W. | 148 |
| Groves, Rev. C. W. | 479 |

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| Name. | Number in preceding Table. |
|---|---|
| Grubb, David S. | 961 |
| Grubb, William M. | 1,010 |
| Gunn, Archibald | 908 |
| Guthrie, James | 232, 239, 241 |
| Guy, G. H. | 159 |
| Gwinnell, Wintour F. | 466, 468 |
| Hall, John | 489 |
| Hall, Robert E. | 211 |
| Hamer, Thomas | 862 |
| Hamilton, John | 1,154 |
| Hamlett, George | 334 |
| Hamlyn, Edwin | 711 |
| Hammonds, Edwin | 444 |
| Hams, John | 10 |
| Harbison, M. | 1,172 |
| Harbour, Robert | 704 |
| Hardman, John | 590 |
| Hardy, James | 520, 542 |
| Harford, Andrew | 662 |
| Hargreaves, A. F. | 298 |
| Hargreaves, John | 286 |
| Hargreaves, Thomas | 7 |
| Harland, Arthur | 504 |
| Harper, Ewen | 53, 844 |
| Harrington, Michael | 1,191 |
| Harris, George | 519 |
| Harris, Isaac | 200 |
| Harris, Jesse | 474 |
| Harris, Robert | 587 |
| Harris, Sarah E. | 552 |
| Harris, William J. P. | 409 |
| Harrison, Alfred | 573 |
| Harrison, Joseph | 105, 154, 281, 381, 382, 723 |
| Harrison, Wm. H. | 801 |
| Harrison, W. J. | 414 |
| Hart, F. | 228 |
| Hart, James | 142 |
| Harte, John | 446, 513, 534, 535 |
| Hartley, Joseph J. E. | 702 |
| Hartley, Thomas | 297 |
| Hartnell, Charles L. | 854 |
| Hatt, Frederick | 156 |
| Hatton, Samuel | 1,043 |
| Havell, Charles R. | 733 |
| Hayes, Edward | 1,192 |
| Hays, George | 465 |
| Hayter, Thomas G. | 884 |
| Headen, W. P. | 1,123 |
| Heagan, Robert | 1,148 |
| Heald, J. T. | 3 |
| Heap, Charles J. | 206 |
| Heap, Hargreaves | 469 |
| Heap, Joseph | 11 |
| Henchie, James | 571, 915 |
| Henderson, James | 986 |
| Henry, William | 1,113 |
| Hepworth, James | 417 |
| Hepworth, John | 167 |
| Hewison, Rev. G. H. | 934 |
| Hewitt, William | 513 |
| Hewson, John | 219 |
| Heywood, William W. | 236 |
| Hick, Thomas | 110, 399 |
| Hickin, Henry | 490 |
| Higginson, John | 1,138 |
| Higham, Robert H. | 576 |
| Hill, Henry | 483 |
| Hill, Henry G. | 293 |
| Hill, Rev. J. H. | 587 |
| Hines, Edwin | 476 |
| Hinton, R. W. | 880, 881 |
| Hiorns, Arthur | 59, 79 |
| Hirst, W. H. | 817 |
| Hitchings, John | 253, 707, 855 |
| Hobson, Rev. E. | 444 |
| Hockey, Alfred K. | 507 |
| Hocking, Edwin C. | 198 |
| Hodges, Louis | 413 |
| Hodgkinson, W. R. | 467 |
| Hodgson, John J. | 614 |
| Hodgson, James M. | 863 |
| Hoffert, Henry | 889, 890 |
| Hogg, Walter | 1 |
| Holding, Alfred | 452, 477, 522, 874 |
| Holding, James | 672 |
| Holding, Thomas | 452, 497, 511 |
| Holland, Thomas | 208, 209 |
| Hollinhead, Thomas | 886 |
| Holmes, Emily | 408 |
| Holmes, Thomas | 802 |
| Holmes, William | 1,038 |
| Holroyd, John | 359 |
| Holt, George | 900 |
| Holt, William | 804 |
| Honeybourne, J. C. | 469 |
| Horsman, Thomas | 399 |
| Hosie, James | 1,012 |
| Houghton, C. J. | 923 |
| Houldsworth, B. | 815 |
| Howard, John | 499 |
| Howard, Nathaniel | 541 |
| Howells, John W. | 259 |
| Hughes, Edward | 584 |
| Hughes, Hugh | 431 |
| Hull, Samuel | 1,140 |
| Humberstone, Francis W. | 237 |
| Humphries, G. W. | 784 |
| Humpidge, Thomas S. | 526 |
| Hunt, Robert | 488 |
| Hunter, James A. R. | 1,097 |
| Hunter, Robert | 1,069 |
| Hurst, Washington | 16, 376 |
| Hutchinson, Charles W. | 93 |
| Hutton, George | 217 |
| Ibberson, William | 424 |
| Inch, Henry A. | 482 |
| Innes, John B. | 1,026 |
| Isherwood, Thomas | 87, 97, 192 |
| Ison, Edwin | 406 |
| Jackson, John | 580 |
| Jackson, William | 37 |
| Jacobs, William | 613 |
| Jagger, William | 759, 760 |
| Jago, Charles S. | 710 |
| Jago, William | 155, 341, 694 |
| James, Charles | 326 |
| James, Matthew H. | 370 |
| Jamieson, Thomas | 938, 947, 974, 1,013 |
| Jarmain, George | 328, 361 |
| Jarvis, William | 14 |
| Jeacock, J. S. | 266 |
| Jeffares, J. | 807 |
| Jeffrey, George | 1,007 |
| Jenkins, J. H. | 841 |
| Jennings, James | 875 |
| Jerman, Richard | 289 |
| Jesseman, E. | 472 |
| Johnson, Benjamin | 455 |
| Johnson, Caroline | 556 |
| Johnson, Charles H. | 953 |
| Johnson, James B. | 109, 113 |
| Johnson, John | 813 |

Appendix B.

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| Name. | Number in preceding Table. |
|---|---|
| Johnson, Richard | 222 |
| Jolliffe, Henry | 617 |
| Jones, Annie | 441 |
| Jones, Charles | 783 |
| Jones, David | 715 |
| Jones, Edward | 143, 144 |
| Jones, Francis | 587 |
| Jones, James | 551 |
| Jones, John E. | 440 |
| Jones, Robert R. | 447, 569 |
| Jones, Thomas (Bury St. Edmunds). | 151 |
| Jones, Thomas (Manchester) | 593, 764 |
| Jones, Thomas L. | 161 |
| Jones, W. | 34 |
| Joyce, Patrick K. | 1,054 |
| Kay, James | 191 |
| Keast, Archibald | 2 |
| Keen, Annie | 759, 760 |
| Kemp, Arthur E. | 540 |
| Kemp, John | 311 |
| Kendall, John | 101 |
| Kendall, Thomas | 724 |
| Kennedy, John | 960 |
| Kennedy, Joseph | 938 |
| Kennedy, Rankin | 999 |
| Kenyon, Joseph | 25, 110, 115, 770 |
| Kerr, Andrew | 968 |
| Kerr, James | 1,119 |
| Kerr, Rev. John | 983 |
| Kershaw, Thomas | 285, 361, 628, 666, 817, 852 |
| Keys, William | 1,020 |
| Kidd, William | 300 |
| Kidson, Enoch | 871 |
| Kille, Clement | 342 |
| Kilvington, William | 835 |
| King, William | 28 |
| Kinton, John L. | 566 |
| Kirkwood, John | 951 |
| Kitto, Benedict | 737, 752, 758 |
| Knight, Henry | 818 |
| Knight, James | 40 |
| Knowles, Ellen | 939 |
| Knowles, Miles | 110, 111 |
| Knowles, William J. | 1,041, 1,094, 1,177 |
| Laing, Alexander | 982 |
| Lakin, Robert | 643 |
| Lancaster, W. J. | 60 |
| Lane, Edgar H. | 695 |
| Lane, Thomas | 853 |
| Langler, John R. | 566 |
| Langton, Jehu | 218 |
| Lanning, Thomas H. | 843 |
| Lansdell, W. | 654 |
| Latchford, G. D. | 1,090 |
| Laurie, William S. | 923 |
| Law, James | 170 |
| Lawrence, Miles A. | 261 |
| Lawson, William | 469 |
| Leader, Leonard M. | 652 |
| Leadley, Lawrence | 110, 386 |
| Leaney, Thomas | 627 |
| Leary Thomas G. | 547 |
| Leather, Peter | 419 |
| Lee, George | 352, 728 |
| Lee, Henry | 490, 491 |
| Lee, Thomas | 852 |
| Leech, Edwin | 677 |
| Lees, Charles | 645 |
| Lees, William | 969, 970 |
| Leipner, Adolph | 136 |
| Lemon, Charles P. | 243, 713 |
| Lenton, Alfred | 679 |
| Lescher, Miss Adela M. | 434 |
| Lescher, Miss Frances M. | 434 |
| Letcher, Thomas H. | 155, 754 |
| Lethbridge, Edwin B. | 130 |
| Lewis, Edward W. | 420 |
| Lewis, Rev. Henry | 217 |
| Lewis, John H. | 31 |
| Lewis, John T. | 428, 430 |
| Leworthy, George | 80 |
| Liddell, Edward | 492 |
| Lilley, Joseph | 1,035 |
| Lindsay, Thomas M. | 1,056 |
| Linehan, P. | 1,159 |
| Lishman, Richard | 664 |
| Litting, George | 820 |
| Lloyd, C. W. | 301 |
| Locke, A. C. | 787 |
| Locker, Simeon | 79 |
| Lofthouse, John | 742 |
| Logan, James | 1,095 |
| Lomax, Miss E. | 434 |
| London, Thomas | 404 |
| Long, John | 772 |
| Lord, Tunnacliffe | 666 |
| Lovell, Alphacus | 574 |
| Low, David | 950 |
| Lucas, John | 676 |
| Lyall, Andrew | 1,009 |
| Lyons, Michael J. | 616, 619 |
| Macbirnie, James | 983 |
| M'Cabe, John | 953 |
| M'Calion, Robert | 1,179 |
| M'Carty, W. W. | 529 |
| M'Clelland, Adam | 1,138 |
| M'Dermott, Cornelius | 1,089 |
| M'Donagh, Thomas | 1,164 |
| M'Donald, Dugald | 941 |
| Macdonald, James | 956 |
| Macdonald, Robert F. | 448 |
| Macdonald, William J. | 1,124 |
| M'Dowell, John D. | 1,049 |
| M'Ewen, Hugh | 1,105 |
| M'Farlane, Rev. Duncan | 942 |
| Macgill, William | 976 |
| M'Grath, James | 1,067 |
| M'Gregor, Thomas | 1,050, 1,051 |
| M'Ilroy, Robert | 1,076 |
| M'Indoe, John S. | 1,025 |
| M'Kay, John | 1,024 |
| M'Ker, John | 1,162 |
| M'Kee, Thomas J. | 1,162 |
| M'Kenzie, Matthew | 1,019 |
| Mackie, George | 993 |
| M'Kimm, Samuel | 1,036 |
| Mackinlay, Peter | 967 |
| Mackrell, Isaac | 901 |
| M'Leod, Donald | 1,024 |
| M'Mahon, Michael | 1,079 |
| M'Michael, David | 18, 22, 817 |
| M'Millen, Robert | 1,082 |
| M'Mullen, James | 1,141 |
| M'Murray, Samuel | 1,152 |
| M'Nicol, Peter | 989 |
| Macomish, Miss M. A. S. | 471 |
| M'Rae, Charles | 530 |
| M'Vail, John C. | 1,003 |
| Maddock, George | 553 |
| Magennis, Peter | 1,145 |
| Maguire, Dominick | 1,081 |
| Maguire, Francis | 1,129 |
| Mahir, Thomas | 601 |

Science Teachers to whom Payments have been made—*continued.*

| Name. | Number in preceding Table. |
|---|---|
| Maidment, H. | 769 |
| Major, Henry | 38, 231, 631,655 |
| Mallinson, Thomas | 308 |
| Mallon, J. W. | 718 |
| Manchester, Thomas | 356 |
| Mansford, Charles | 566 |
| Marle, Robert | 61 |
| Marsh, Charles H. C. | 260 |
| Marsh, William H. | 746 |
| Martin, Charles E. | 372 |
| Martin, Ellen M. | 935 |
| Martin, Harry | 936 |
| Martin, Hugh | 1,114 |
| Martin, William | 994 |
| Martin, William H. | 467 |
| Mason, Benjamin F. | 270 |
| Mathison, T. | 127 |
| Matson, John | 339 |
| Matthews, Charles | 1,128 |
| Matthews, Henry | 174, 178, 180 |
| Maunder, Samuel G. | 35, 36, 46, 378 |
| Maver, David | 938 |
| Mawbey, H. | 137 |
| Mayne, A. J. | 1101 |
| Meaden, H. P. | 275 |
| Meaden, Rev. R. A. | 116 |
| Meakin, Charles | 910 |
| Melville, James A. | 970 |
| Menzies, John | 867 |
| Merrick, Thomas | 217 |
| Merrifield, John | 714 |
| Metcalfe, George | 26, 214, 357 |
| Meyer, Conrad | 500, 502 |
| Michie, John G. | 1,028 |
| Middleton, Charles | 330 |
| Midgley, C. W. | 851 |
| Millar, Alexander | 1,030 |
| Millar, Robert | 996 |
| Millard, Joseph | 718 |
| Miller, A. J. | 570 |
| Miller, Frederick | 586 |
| Miller, Rev. John | 888 |
| Milne, James | 965 |
| Milne, Rev. J. | 1,004 |
| Milne, Robert | 949 |
| Milward, Aaron | 725 |
| Minkley, G. H. | 910 |
| Mitchell, Charles | 128 |
| Mitchell, James | 1,000 |
| Moaksom, Thomas J. | 537 |
| Molison, Alexander R. | 840 |
| Monckman, James | 107, 112, 118, 380, 401 |
| Monks, Peter | 20, 380, 588, 683, 763 |
| Mooney, E. | 486 |
| Moore, Edward W. | 455, 828 |
| Moore, H. J. | 173 |
| Moore, William | 160 |
| Morgans, Thomas | 337 |
| Morris, Charles | 713, 714 |
| Morris, Charles | 1,111 |
| Morris, Daniel | 145 |
| Morris, Isaac H. | 279 |
| Morris, Rev. Rupert H. | 160 |
| Morrison, Marie | 1,173 |
| Morrison, Samuel | 1,059 |
| Moss, Henry | 451,479,496,544 |
| Moss, Reuben | 869 |
| Moylan, J. | 1,136 |
| Mulligan, James A | 157, 872 |
| Munn, James | 349, 747 |
| Munro, James McI. | 937 |
| Munro, John | 136 |
| Munro, John J. | 538 |
| Murphy, James | 1,172 |
| Murphy, James E. H. | 1,102 |
| Murphy, John J. | 687 |
| Murray, C. T. | 189 |
| Murray, George | 987 |
| Mussell, Samuel | 9 |
| Napper, E. W. | 595 |
| Neal, James | 251 |
| Neill, James | 1,000 |
| Nelson, Rev. Hector | 423 |
| Newbold, James A. | 597 |
| Newell, E. | 795 |
| Newton, John | 672 |
| Newton, William | 267 |
| Nicholl, William | 1,189 |
| Nicholls, William A. | 703 |
| Nichols, Jerdan | 87 |
| Nickal, John | 822 |
| Niven, James C. | 367 |
| Norsworthy, J. W. H. | 391 |
| Northey, John | 515, 516 |
| Nuttall, John | 340 |
| Oakes, Annie A. | 443 |
| O'Callaghan, John | 1,121 |
| O'Connell, Patrick A. | 1,156 |
| O'Connor, James | 1,032 |
| Odell, Robert | 814 |
| O'Donoghue, Daniel | 171, 785 |
| Ogilvie, Rev. W. | 953 |
| Oldman, George | 142 |
| Oliver, Jos. W. | 62, 71, 332 |
| O'Neill, Michael | 767 |
| O'Rorke, Peter | 1,078, 1,167 |
| Orr, Jacob | 1,072, 1,107, 1,127 |
| Osborne, N. H. | 625 |
| Overend, James | 971 |
| Overton, James H. | 766 |
| Owen, J. A. | 430 |
| Packer, Matthew W. | 819 |
| Pain, Henry | 924 |
| Paisley, James | 1,163 |
| Palmer, John | 347 |
| Palmer, J. C. | 504 |
| Park, Abraham | 20 |
| Parker, John | 345 |
| Parker, William | 411 |
| Parks, Matthew | 1,166 |
| Parminter, John V. | 296 |
| Parnell, George | 594 |
| Parnell, William | 588 |
| Parry, Parton | 320, 495, 546, 554, 558 |
| Pascoe, John | 374, 699 |
| Patchett, Isaac | 82, 310, 965 |
| Paton, Rev. J. B. | 663 |
| Patterson, William | 1,147 |
| Payne, Joseph | 449, 479, 500, 506, 550 |
| Peacock, Matthew | 966 |
| Pearce, John | 713 |
| Pender, William | 220 |
| Pepper, Charles | 592 |
| Percy, Cornelius McL. | 597 |
| Perkins, F. P. | 289 |
| Petric, Rev. James | 1,023 |
| Phayer, R. P. | 171, 785 |
| Philip, James (Edinburgh) | 973 |
| Philip, James (Oldham) | 667 |
| Philips, George | 524 |
| Philips, Thomas W. | 230, 517, 524 |

Appendix B.

LIST OF SCIENCE TEACHERS.

Science Teachers to whom Payments have been made—*continued.*

| Name. | Number in preceding Table. |
|---|---|
| Phillips, Edwin R. | 855 |
| Phillips, James | 290 |
| Phillips, James A. | 864 |
| Phillips, Jos. A. | 324 |
| Phillips, Rev. R. | 768 |
| Phillips, W. | 750 |
| Philpott, Albert T. | 134 |
| Phythian, Joseph P. | 667 |
| Pickett, Frederick R. | 854 |
| Pickering, A. | 837 |
| Pickworth, William J. | 701 |
| Pike, R. W. | 450 |
| Pilling, Jonas | 1,021 |
| Pine, William F. | 196 |
| Piper, Thomas W. | 444 |
| Piper, W. G. | 654 |
| Pitt, Thomas R. | 397 |
| Pitts, H. W. | 368 |
| Plant, Arthur U. | 131 |
| Plant, Daniel | 197 |
| Plant, Edmund C. | 131 |
| Platt, S. H. | 178 |
| Plowright, C. B. | 390 |
| Plowright, Henry | 569 |
| Poltock, Philip T. | 887 |
| Pooley, John | 798 |
| Pope, William J. | 421, 914 |
| Porritt, William | 866 |
| Porter, George | 1,149, 1,150, 1,151 |
| Porter, William J. | 1,178 |
| Potter, Foord | 774 |
| Potter, N. C. | 700 |
| Potter, Thomas | 105 |
| Potts, Rev. J. | 923 |
| Powell, James | 930 |
| Powell, James T. | 492 |
| Power, Alice | 563 |
| Powley, William | 274, 275 |
| Poyser, Arthur W. | 456 |
| Pratt, Robert | 807 |
| Preston, Henry | 316 |
| Preston, Richard | 727 |
| Preston, Thomas | 51 |
| Preston, William | 138 |
| Price, E. A. | 462 |
| Price, Henry S. | 292, 294 |
| Price, John | 31 |
| Primrose, James | 970 |
| Pritchard, Thomas | 926 |
| Pritchard, Z. | 587, 621 |
| Procter, William | 932 |
| Prowse, Annie | 443 |
| Pryde, James | 969 |
| Pryer, William S. | 458 |
| Puckett, R. C. | 880 |
| Pumphrey, William | 984 |
| Pybus, James | 649 |
| Quance, George A. | 548 |
| Quick, James | 915 |
| Quick, William John | 35 |
| Radford, John W. | 657 |
| Radford, William | 657 |
| Radley, Joseph | 1,142 |
| Ramage, Alexander | 939 |
| Randle, Howard | 830 |
| Rankine, Thomas | 800 |
| Ratcliffe, John | 224, 331 |
| Rawson, James | 125 |
| Rawson, William | 839 |
| Read, John | 365, 367, 368, 369 |
| Reade, Hector M. | 1,118 |
| Reading, John | 881 |
| Reatchlous, Henry A. | 467, 563 |
| Redman, James | 345 |
| Reed, Benjamin | 50 |
| Reed, John H. | 132 |
| Reid, F. M. | 123 |
| Renton, David | 1,011 |
| Revell, Elizabeth A. | 443 |
| Reynolds, Edward | 1,109 |
| Reynolds, John | 375 |
| Rhodes, Joseph | 682 |
| Richards, Robert | 738 |
| Richardson, F. C. | 468, 503 |
| Richardson, Henry | 600 |
| Richardson, Joseph (Oxford) | 680 |
| Richardson, Joseph (Salford) | 763 |
| Richardson, Joseph S. | 66 |
| Rider, Alonzo J. | 244, 246, 249, 713 |
| Ridge, William L. | 782 |
| Ridsdale, Edward S. | 288 |
| Riley, E. C. | 841 |
| Riley, John | 267, 593 |
| Riley, William (Blackburn) | 84 |
| Riley, William (Whaleybridge). | 891 |
| Ripper, William | 789 |
| Robb, George H. | 272 |
| Robbie, John | 940 |
| Roberts, Griffiths | 158 |
| Roberts, James | 445 |
| Roberts, John (Pontardulais). | 716 |
| Roberts, John (Salford) | 766 |
| Roberts, Samuel | 295 |
| Roberts, Thomas | 58 |
| Robertson, John (Oldham) | 667 |
| Robertson, John (Glasgow) | 987 |
| Robinson, Alfred | 603 |
| Robinson, Enoch | 18 |
| Robinson, James R. | 1,060 |
| Robinson, John (Lambeth) | 572 |
| Robinson, John | 1,091 |
| Robinson, Samuel | 1,072 |
| Robinson, William | 388 |
| Robson, William H. | 309, 633, 812 |
| Rodgers, Albert E. | 306 |
| Roe, Robert G. | 679, 699 |
| Roe, William | 74 |
| Rogers, Tudor | 705, 916 |
| Rogers, W. F. | 166 |
| Rose, Winfred | 119 |
| Ross, David | 980 |
| Ross, John A. G. | 633, 812 |
| Ross, Zachary M. H. | 952 |
| Rostron, Isaiah | 88 |
| Rowden, William T. | 632 |
| Rowe, Rev. G. | 936 |
| Rowland, G. J. | 611 |
| Rowland, J. C. | 30 |
| Rowston, Robert | 183 |
| Runciman, James | 639 |
| Rüntz, William | 483, 510 |
| Ruse, James F. | 706. 708 |
| Rushforth, John T. | 748 |
| Rushton, William | 121 |
| Russell, Alexander | 985 |
| Russell, Edward T. | 791 |
| Russell, James Henry | 437 |
| Ryan, J. F. | 929 |
| Sach, Albert J. | 686 |
| Salter, Charles | 294 |
| Sandercock, Thomas J. B. | 444 |

Science Teachers to whom Payments have been made—*continued.*



| Name. | Number in preceding Table. |
|---|---|
| Sanders, Thomas W. | 165 |
| Sanderson, Newlove | 788 |
| Santon, William | 263 |
| Satterley, Charles H. | 35 |
| Saunders, J. | 753, 829, 830 |
| Saunders, James | 578 |
| Saunders, John | 460, 461 |
| Savage, Hugh | 1,034 |
| Sayle, James | 86 |
| Scaping, Zebedee | 365 |
| Schofield, Enoch | 221 |
| Schofield, John | 307 |
| Scotson, James | 599 |
| Scott, John | 1,155 |
| Seabrook, William | 697 |
| Sears, Horatio H. | 806 |
| Seddon, Edward | 670 |
| Semmons, William | 428 |
| Senior, William C. | 933 |
| Sergeant, G. H. | 258 |
| Severs, George | 49, 110 |
| Seward, William | 158 |
| Shackleton, John (Cornholme). | 204 |
| Shackleton, John (Laceby) | 393 |
| Shardlow, J. T. | 739 |
| Sharkey, John | 1,040 |
| Sharp, C. | 718 |
| Shaw, Enos | 328 |
| Shaw, Henry E. | 200 |
| Shaw, John | 321, 816 |
| Shaw, Roger | 152, 909 |
| Shaw, William Sykes | 126 |
| Shelton, James | 167 |
| Sheppard, W. | 289 |
| Shields, James | 1,171 |
| Shirley, John | 54 |
| Shore, T. W. | 807 |
| Shorthouse, E. | 60 |
| Simmonds, T. C. | 234 |
| Simmons, Charles | 587 |
| Simpson, Alfred | 367 |
| Simpson, Bentham | 449, 451, 479 |
| Simpson, John (Freemantle) | 302 |
| Simpson, John (Belfast) | 1,058 |
| Singleton, Henry | 108 |
| Skillen, Hugh A. | 1,104 |
| Skinner, W. E. | 472 |
| Slade, James | 466 |
| Slater, Alfred G. | 674 |
| Slatter, George W. | 49, 106, 325, 770, 931 |
| Sleight, Henry | 364 |
| Slingo, William | 535 |
| Smart, Henry | 718 |
| Smith, A. F. | 71, 81 |
| Smith, Alfred F. | 55, 456 |
| Smith, Charles | 479 |
| Smith, Edwin | 653 |
| Smith, Esau J. | 646 |
| Smith, F. | 369 |
| Smith, Henry | 915 |
| Smith, James | 912 |
| Smith, Jessie | 405 |
| Smith, John (Nottingham) | 655 |
| Smith, John (Seaham) | 343, 779, 837 |
| Smith, John B. | 226, 902 |
| Smith, John R. | 384, 445, 504 |
| Smith, Lionel C. | 318 |
| Smith, Paul L. | 827, 833 |
| Smith, Rowland | 583 |
| Smith, William | 488 |
| Smith, William J. | 825 |
| Smith, William John | 925 |
| Snell, John | 859 |
| Snowden, Henry | 436 |
| Snowden, William J. | 1,146 |
| Snoxell, Emanuel | 528 |
| Souter, James R. | 975 |
| Southwick, Thomas | 907 |
| Sowden, John | 114 |
| Spafford, W. A. | 363, 369 |
| Sparkes, Arthur L. | 146, 333, 826 |
| Sparks, William | 264 |
| Speight, Miss Annie | 479 |
| Speers, Adam | 1,120 |
| Speers, Robert | 1,065 |
| Spencer, James | 386 |
| Spencer, Peter | 665 |
| Spencer, William | 44 |
| Spenser, Frank H. | 656 |
| Spittal, James | 1,014 |
| Spratling, W. J. | 474, 479 |
| Spriggs, Christian | 96, 594 |
| Staines, Lawrence | 416 |
| Standage, W. R. | 830 |
| Stanfield, H. | 169 |
| Stanier, W. H. | 841 |
| Stanley, Miss K. | 470 |
| Stanton, George H. | 644 |
| Start, Thomas W. K. | 587 |
| Steele, Frances A. | 556 |
| Stenhouse, Thomas | 344, 873 |
| Stephens, Henry | 534 |
| Stephenson, William | 367 |
| Stevens, George W. | 228 |
| Stevens, John | 1,005 |
| Stevenson, A. | 399 |
| Stevenson, John | 987 |
| Stevenson, J. M'N. | 1,077 |
| Stevenson, Rea J. | 1,018 |
| Stevenson, Thomas | 1,199 |
| Stewart, Andrew | 1,027 |
| Stewart, Robert | 24 |
| Stewart, Thomas | 1,075 |
| Stewart, Walter | 981 |
| Stewart, William (Buckie) | 948 |
| Stewart, William (Paisley) | 1,016, 1,022 |
| Stockham, Thomas | 900 |
| Stockton, W. | 928 |
| Stoker, Jane | 556 |
| Stokoe, Robert | 468 |
| Stone, Alfred | 823 |
| Stone, Josiah | 218 |
| Stone, Sydney | 828 |
| Stott, Henry | 375, 600 |
| Stott, Henry, jun. | 18, 98 |
| Stott, Robert | 743 |
| Strain, William | 1,098 |
| Strange, George | 355 |
| Strickland, James W. | 522 |
| Stringer, Edward | 15 |
| Stuart, John D. | 1,130 |
| Sturgess, William | 287, 849 |
| Style, John | 587 |
| Sugden, William | 566 |
| Sumner, John W. | 283 |
| Sutcliffe, George | 719, 720 |
| Sutcliffe, John | 50 |
| Sutherland, George | 232 |
| Sutor, John A. | 977 |
| Sutton, John | 788 |
| Swain, Mary | 443 |
| Swan, W. B. | 299 |
| Swinnerton, James | 225 |
| Swinstead, Charles | 509 |

Appendix B.

LIST OF SCIENCE TEACHERS.

Science Teachers to whom Payments have been made—*continued.*

| Name. | Number in preceding Table. |
|---|---|
| Sykes, Edmund | 285, 329 |
| Sykes, Richard | 377 |
| Symons, Charles | 467 |
| Tait, Joseph | 1,099 |
| Tanner, F. A. | 472 |
| Tarn, Henry C. | 245 |
| Tate, Alexander N. | 431 |
| Tatlock, Robert R. | 984 |
| Tattam, M. W. | 378 |
| Taylor, Charles | 305 |
| Taylor, Enoch | 637 |
| Taylor, George | 786 |
| Taylor, Henry (Chelmsford) | 172 |
| Taylor, Henry (Newport) | 640, 641 |
| Taylor, James | 99 |
| Taylor, Joseph (Huddersfield). | 360, 361 |
| Taylor, Joseph (Lancaster) | 394 |
| Taylor, Richard | 33 |
| Taylor, Robert L. | 20, 587 |
| Taylor, William | 668 |
| Teer, Daniel | 1,106 |
| Temperley, John | 69, 77 |
| Terrill, William | 840 |
| Theaker, George | 146 |
| Thom, Andrew H. | 984 |
| Thomas, John | 31 |
| Thomas, Rev. Robert | 153 |
| Thomasson, Frank | 103 |
| Thompson, Beeby | 645 |
| Thompson, Francis C. | 645 |
| Thompson, Henry | 110 |
| Thompson, James (Burnley) | 113 |
| Thompson, James (Over Darwen). | 222, 223 |
| Thompson, James (Penrith) | 689 |
| Thompson, John J. | 463 |
| Thompson, William T. | 455 |
| Thomson, Charles | 964 |
| Thomson, James | 1,017 |
| Thomson, W. W. | 1,169 |
| Thornhill, J. | 581 |
| Thornley, George | 765 |
| Thrower, Henry J. | 494 |
| Tidmarsh, Thomas W. | 681 |
| Timpany, John F. | 150 |
| Tindal, James J. | 957 |
| Tissington, Henry | 213 |
| Todd, Charles | 1,153 |
| Todd, Thomas | 492 |
| Tomlinson, John | 697 |
| Tonkin, W. T. T. | 35 |
| Torrance, John | 229 |
| Tottle, George | 351 |
| Town, Edmund H. | 480 |
| Town, Edward C. | 501 |
| Trachy, Peter H. | 405 |
| Trayes, Francis C. | 498 |
| Tregear, W. S. | 315 |
| Tregoning, Richard H. | 120 |
| Treleaven, Joseph T. | 456 |
| Trewen, F. J. | 369 |
| Tripp, James | 771 |
| Trollope, Arthur | 651 |
| Trott, John | 289 |
| Turner, H. | 215 |
| Turner, John | 62, 65, 67, 68, 72, 81, 871 |
| Turner, John W. | 1,105 |
| Turner, J. D. | 173 |
| Turner, William | 778 |
| Tyler, Frederick G. | 131 |
| Tyrer, J. Seddon | 278, 607 |
| Tyrer, Richard | 607 |
| Udall, John | 271 |
| Ullyett, Henry | 301 |
| Underhill, Frederick | 898 |
| Underhill, J. T. | 289 |
| Urpeth, William | 648 |
| Vaughan, William | 466 |
| Viccars, Thomas | 856 |
| Wade, George (Leeds) | 400 |
| Wade, George (Oldham) | 369 |
| Wade, Isaac | 216 |
| Wade, James A. | 675 |
| Wakeham, James | 91 |
| Walbank, Joseph | 338 |
| Walbank, Teasdale | 780 |
| Walker, James | 561 |
| Walker, Joseph | 262 |
| Walker, Robert | 982 |
| Walker, Samuel | 922 |
| Walker, Thomas | 910 |
| Walker, William | 1,116 |
| Wall, Charles | 39 |
| Walmsley, John | 280 |
| Walsh, James | 190 |
| Walton, James P. | 240, 242 |
| Walton, William | 837 |
| Ward, George | 399 |
| Ward, John | 367, 368, 369 |
| Wareham, F. | 587 |
| Watson, George | 1,029 |
| Watson, Hugh | 774 |
| Watson, James (Perkeith) | 688 |
| Watson, James (Poyntypass) | 1,181 |
| Watson, M. | 107 |
| Watson, William | 1,180 |
| Watts, Arthur | 274, 275 |
| Watts, W. A. | 594, 744, 876, 895 |
| Way, William C. | 634, 647, 834 |
| Webb, Alfred | 892 |
| Webb, Frederick J. | 709 |
| Webb, Henry | 43 |
| Webb, James | 789 |
| Weblin, William T. | 247 |
| Webster, Rev. A. | 1,003 |
| Webster, G. E. | 231, 234, 655 |
| Wedmore, James | 799 |
| Welch, G. W. | 407 |
| Wells, William G. | 454 |
| Welsh, Hugh | 953 |
| Welsh, James | 186 |
| Wenman, Thomas H. | 559 |
| West, John | 323, 366, 367, 368 |
| West, William | 468, 515, 520 |
| Westmoreland, John | 316 |
| Wheeler, F. F. | 174, 176 |
| White, Henry | 885 |
| White, James | 1,039 |
| White, Philip R. | 233 |
| Whitehead, Robert | 161 |
| Whitehouse, Henry J. | 569 |
| Whitehouse, William | 63 |
| Whitford, William | 1,060, 1,140 |
| Whitman, Henry J. | 485 |
| Whitwell, William | 660 |
| Wild, John | 426, 744, 894 |
| Wild, Robert | 544 |
| Wilde, Samuel | 577 |
| Wilkinson, Henry | 79 |
| Willans, J. A. | 536 |
| Willcock, C. | 399 |
| Williams, Charles | 252 |

Science Teachers to whom Payments have been made—*continued.*

Appendix B.

List of Science Teachers.

| Name. | Number in preceding Table. | Name. | Number in preceding Table. |
|---|---|---|---|
| Williams, J. | 841 | Woodcock, Frederick W. | 141 |
| Williams, John | 910 | Woodcock, Reginald O. | 188 |
| Williams, John A. | 527 | Woodhead, Edmund | 591 |
| Williams, Joshua | 269, 271 | Woods, Arthur A. | 1,061 |
| Williams, Thomas M. | 1,184 | Woods, James W. | 680 |
| Williams, William | 685 | Woodward, J. | 71 |
| Williamson, William A. | 1,015 | Woolfenden, Thomas | 743 |
| Wilson, Andrew | 943 | Woolner, Henry | 195 |
| Wilson, Benjamin | 453 | Wright, James | 777 |
| Wilson, Charles H. | 934 | Wright, James D. | 650 |
| Wilson, Edward | 655 | Wright, James T. | 358 |
| Wilson, George J. | 147 | Wright, John R. | 672 |
| Wilson, John | 993 | Wroe, James | 203 |
| Wilson, Samuel | 690 | Wykes, Charles H. | 845 |
| Wilson, William | 90 | Wyld, Samuel | 322 |
| Wilson, W. J. | 466 | Wylie, John C. | 485 |
| Windass, John | 781, 934 | Yelf, Miss S. J. | 768 |
| Windle, John | 773 | Yewdall, John H. | 774 |
| Witton, James C. | 394 | Young, Frank W. | 1,018 |
| Wonnacott, John | 243, 252, 713 | Young, William J. | 1,096 |
| Wood, Philip | 972 | Youngman, Harriet S. | 505, 523 |

## 15. List of Science Schools closed from May 1874 to May 1875.

List of Science Schools closed.

| Place. | School. |
|---|---|
| **England and Wales.** | |
| Abergavenny | National School. |
| Accrington | Willow Street Schools. |
| Allerton | Wesleyan School. |
| Amblecote (near Stourbridge). | National School. |
| Ashton-under-Lyne | Ryecroft British School. |
| Aston | Middle Class School, Aston Lane. |
| Bangor | Upper Bangor National Sch, Hill Street. |
| Barnsley | Mechanics' Institute. |
| ,, | St. Mary's Church School, Churchfield. |
| Basingstoke | Mechanics' Institute. |
| Bath | School of Art. |
| Batley | Working Men's Club and Institute. |
| Bedford | Girls' School, Well Street. |
| ,, | Windsor Villa School. |
| Belper | Infant Schoolroom. |
| Berkhampstead | Mechanics' Institute, High Street. |
| Berwick-on-Tweed | Institute. |
| Bethesda | Glanogwen Schoolroom, High Street. |
| Bewdley | Grammar School. |
| Birmingham | British Workman Institute (No. 2), Tennant Street. |
| ,, | Church of the Messiah, Broad Street. |
| ,, | St. Andrew's Boys' School, Small Heath. |
| ,, | St. Luke's School, St. Luke's Street, Bristol Road. |
| ,, | Wesleyan School, Bradford Street. |
| Blackburn | Bank Top Baptist School, Chapel Street. |

Appendix B.

LIST OF SCIENCE SCHOOLS CLOSED.

List of Science Schools closed—*continued.*

| Place. | School. |
|---|---|
| Blackburn | St. Andrew's School, Livesey. |
| Blackpool | Nat. Sch., Lytham Road, South Shore. |
| Bolton | Ainsworth National School. |
| " | Congregational Sch., St. George's Road. |
| " | Walsh's Educational Institute. |
| " | Wesleyan School, Grecian Street. |
| Brackley | Wesleyan School. |
| Bradford | Building Trades Technical Schools, Goodwin Street. |
| Brecon | Wesleyan Day School, Lion Street. |
| Brighton | Central National Sch., 106, Church Street. |
| Bristol | Friend's School. |
| " | Wesleyan School, Langton Street. |
| Bromley | Cage Field School. |
| Burton-on-Trent | Holy Trinity School. |
| Bury | Brunswick School, North Street. |
| Cadishead | Wesleyan School. |
| Canning Town | Wesleyan School, Barking Road. |
| Carmarthen | Bridge Street School. |
| Carnarvon | Model School. |
| Cheltenham | Practising School. |
| Chepstow | National School. |
| Chester | St. Paul's School, Boughton. |
| Cleckheaton | Mechanics' Institute. |
| Clewer | St. Stephen's Mission. |
| Clitheroe | Wesleyan School. |
| Collingbourne Ducis | National School. |
| Colne | Wesleyan School, George Street. |
| " | National School, Blascomay. |
| Cottingley | Mechanics' Institute. |
| Coventry | Independent School, Vicar Lane. |
| " | Institute, 69, Hertford Street. |
| Cradley | Wesleyan School. |
| Culham | Practical School. |
| Cullingworth | Wesleyan School. |
| Darlaston | National School. |
| Darlington | Bank Top Railway School. |
| " | Mechanics' Institute. |
| " | Railway Institute, North Road. |
| " | Wesleyan School, Bond Gate. |
| Darwen (Lower) | St. Cuthbert's National School. |
| Denby | National School. |
| Derby | Christ Church School, Burton Road. |
| Doncaster | St. George's Nat. Sch., St. George's Gate. |
| Dover | Holy Trinity School. |
| Dunstable | Ashton Schools, Church Street. |
| " | Wesleyan Day School. |
| Earlstown | Infant School, Market Street. |
| Earls Heaton | St. Peter's School. |
| Eccles | British School, Clarendon Road. |
| " | Parish Church School, Albert Street. |
| Elsecar | National School, Church Street. |

List of Science Schools closed—*continued.*



| Place. | School. |
|---|---|
| Elston | Greenhouse. |
| Embsay | Mechanics' Institute. |
| Erith | Clark's Room, Pier Road. |
| Exmouth | Navigation School. |
| " | National School. |
| Farnworth | Wesleyan Day School, Market Street. |
| Finedon | Boys' School. |
| " | Temperance Hall, The Green. |
| Folkestone | British School. |
| Gargrave | Wesleyan School. |
| Gloucester | Wesleyan School, Worcester Street. |
| Grantham | Wesleyan Day School, Wharf Road. |
| Great Harwood | National School, Queen Street. |
| Great Torrington | Barley Grove School, Castle Street. |
| Greenwich | Roan's Central School. |
| " (East) | Christ Church Boys' School. |
| Guide | St. James' National School. |
| Halifax | Crossley Orphan Home and School, Saville Park. |
| Handsworth | St. Michael's. |
| Hatherleigh | National School. |
| Helmshore | Musbury National School. |
| Hereford | Scudamore School. |
| Heywood | Mechanics' Institute, Longford Street. |
| Hanley | National School. |
| Hopwood | Methodist Free Church School. |
| Hull | Sculcoates School, Margaret Street. |
| Idle | Wesleyan Day School, Faltis. |
| Kennington (Ashford) | National School. |
| Kettering | British School. |
| Kidderminster | St. John the Baptist School, Chapel Street. |
| " | St. George's. |
| Leeds | Beverley Street Board School. |
| " | Cross, Stamford Street, Board School. |
| " | Hunslet Road Board School. |
| " | School Street Board School. |
| " | Congregational School, Beeston Hill. |
| " | Schoolmistress's Class, Carlton Board School, Woodhouse Lane. |
| Liverpool | St. Matthew's School, Scotland Road. |
| " | Wesleyan School, Windsor Street. |
| Llanidloes | National School. |
| London :— | |
| Bermondsey | Infant Board School, Charles Street. |
| Camberwell | Youths' Institute, 149, Camberwell New Road. |
| Chancery Lane | St. Thomas, Youths' Institute. |
| Haverstock Hill | St. Andrew's Nat. Sch., Maiden Road. |
| Highgate | British School. |
| " | Class Rooms, Southwood Lane, Working Men's Club. |

Appendix B.

List of Science Schools closed—*continued.*

LIST OF SCIENCE SCHOOLS CLOSED.

| Place. | School. |
|---|---|
| Islington | St. Peter's School, 36, Devonshire Street. |
| " | St. Philip-the-Evangelist National School, Hob Street, Arlington Square. |
| Limehouse | Dalgleish Place School. |
| Marylebone | Youth's Institute, 141, Cleveland Street. |
| Poplar | Free School, Woolmore Street. |
| " | Wesleyan School, Hale Street. |
| St. Bride's Street, E.C. | Royal Board School. |
| St. James's and Soho | Working Men's Club, 25, Rupert Street. |
| St. Martin's | Northern School, Castle Street. |
| St. Pancras | Lancing Street School. |
| Shadwell | Board School, High Street. |
| Shoreditch | Board School, Old Nichol Street. |
| Somers Town | Christ Church Nat. Sch., Charlton Street. |
| Stepney | East London Collegiate Sch, Arbour Street. |
| " | St. Philip's National School, New Street. |
| Stoke Newington | Board School, High Street. |
| Walworth | St. John's National School. |
| Whitechapel | Board School, Old Castle Street. |
| Louth | Boys' National School, Westgate. |
| Luton | National School, Brunswick Street. |
| Macclesfield | Mill Street School, |
| Maidstone | St. Paul's Young Men's Institute. |
| " | Working Men's Club, Earl Street. |
| Manchester | British School, Marshall Street. |
| " | St. Luke's School, Miles Platting. |
| " | St. Paul's School, Bennett Street, Oldham Road. |
| " | Hulme Holy Trinity Schs, Chester Street. |
| Marple | Albert Schools, Church Lane. |
| Marske | Mechanics' Institute. |
| Merthyr Tydfil | Abercanaid Board School. |
| " | Troedyrhin Board School. |
| Merton | National School. |
| Mill Bridge | National School. |
| Mosbro' | School. |
| Moseley | National School. |
| Nailsea | Parochial School. |
| Newcastle-on-Tyne | Wesleyan School. |
| New Cross | St. James's School, Hatcham. |
| North Shields | Board School, Stephenson Street. |
| Northallerton | Church School and Institute. |
| Northowram | Mechanics' Institute. |
| Nottingham | St. Mathias' National School, Carlton Road, Sneinton. |
| Oldbury | Free School. |
| Oldham | Analytic Literary Institute. |
| " | Christ Church School, Glodwick. |
| " | Wesleyan School, Cow Hill. |
| Oswestry | Public Hall, Oswald Road. |
| Over | Darnhall Grammar School. |
| Parkgate | British School. |

List of Science Schools closed—*continued.*



| Place. | School. |
|---|---|
| Pemberton - - | Mechanics' Institute. |
| Pendleton - - | Brindle Heath National School. |
| ,, - - | Mechanics' Institute, Gardner Street. |
| Peterboro' - - | St. Peter's College School. |
| Plymouth - - - | Working Men's Club and Institute. |
| Plympton - - - | Grammar School. |
| Preston - - - | Christ Church National Sch., Bow Lane. |
| Ramsbottom - - | Co-operative Society Hall, Bolton Street. |
| Raunds - - - | National School. |
| Reading - - - | Boys' British School. |
| Ripton - - - | Training College. |
| Rishton - - - | St. Peter's National School. |
| ,, - - - | Wesleyan School, High Street. |
| St. Austell - - | Central School, South Street. |
| St. Burian - - | National School. |
| St. David's - - | Board School. |
| St. Just - - - | Institute. |
| Salisbury - - - | St. Edmund's Boys' National School. |
| ,, - - - | St. Martin's National School. |
| Scarboro' - - - | Wesleyan Day School, Friar's Entry. |
| Sheffield - - - | Brunswick Wesleyan Methodist Institute, London Road. |
| ,, - - - | Saville Street Foundry and Engineering Company's Office. |
| Smallbridge - - | Dearnley National School. |
| Smethwick - - | Messrs. Chance's School. |
| Somerleyton - - | Church of England School. |
| Southampton - - | Workmen's Institute, New Road. |
| Staveley - - - | Boys' Schoolroom, High Street. |
| ,, - - - | Works School. |
| Stratford - - - | Grove Board School. |
| ,, - - - | Workmen's Hall, West Ham Lane. |
| Stroud - - - | Institute, George Street. |
| Sunderland - - | Bishop Wearmouth College School. |
| Swansea - - - | Training College. |
| ,, - - - | National School. |
| Tavistock - - - | British School, Abbey Mead. |
| Thurmaston - - | National School. |
| Tipton - - - | Ocker Hill National Schools. |
| Todmorden - - | Limeholme Baptist School. |
| Tottington - - | British School, Green Mount. |
| ,, - - | Wesleyan School, Club Row. |
| Tyldesley - - - | Church School, School Street. |
| Uxbridge - - - | St. Margaret's National School. |
| Ventnor - - - | Wesleyan School, High Street. |
| Warrington - - | Parish Church School. |
| Watford - - - | National School, Church Street. |
| Wells - - - | Middle School, Chamberlain Street. |
| West Bromwich - - | Christ Church Schools, Walsall Street. |
| ,, - - | Grove Chambers, High Street. |
| Wigan - - - | Infant Schoolroom, Hallgate. |
| ,, - - - | Free Grammar School. |

Appendix B.

List of Science Schools closed—*continued.*

List of Science Schools closed.

| Place. | School. |
|---|---|
| Wigton | Friends' School. |
| Wolverhampton | Board School, Salop Street. |
| ,, | Board School, Walsall Street. |
| ,, | Heath Town, Holy Trinity School. |
| ,, | Wesleyan School, Darlington Street. |
| Woodley | Public School, Hyde Road. |
| Workington | St. John's School. |
| York | St. Dennis and St. George School, St. Dennis Street. |
| | SCOTLAND. |
| Aboyne | Birse Parochial School. |
| ,, | Lady Huntley's School. |
| ,, | Parochial School. |
| Alloa | Burgh School, Bedford Place. |
| Annan | Parochial School, Greenknowe. |
| Banchory | Free Church School. |
| Beith | United Presbyterian School, New Street. |
| Cluny | Parochial School. |
| Culsalmond | Parish School. |
| Daviot | Parish School. |
| Drumoak | Public School. |
| Edinburgh | Veterinary College. |
| Forbes | Tullynessle and Forbes Parish School. |
| Forglen | Parish School. |
| Galashiels | Parish School, High Town. |
| Glasgow | Educational Institute, Elgin Street. |
| ,, | Maxwell Sessional School, Kinning Park. |
| Huntley | Gordon Schools. |
| Invergordon | Town Hall, High Street. |
| Inverarie | Free Church School. |
| ,, | Parochial School. |
| Kinellar | Parochial School. |
| Kirkcaldy | Burgh School. |
| Leslie | Public School. |
| Lumphanan | Parochial School. |
| Newhills | Buxburn School. |
| Old Deer | Clochan Public School. |
| ,, | Public School. |
| ,, | Shannas Public School. |
| Pitsligo | Parochial School. |
| Port Glasgow | Burgh Public School. |
| Saltcoats | Free Church Academy. |
| Skene | Parochial School. |
| Springburn | Literary Institute, Balgray Brae. |
| Strichen | Parochial School. |
| Tarbolton | Public School. |
| Tarland | Public School. |
| Woodside | School. |
| | IRELAND. |
| Antrim | Lady Hill National School. |
| ,, | Tannaghmore National School. |

List of Science Schools closed—*continued.*



| Place. | School. |
|---|---|
| Ardara | Meentinadea National School. |
| Armagh | Ennislare National School. |
| ,, | Foley National School. |
| Athlacca | National School. |
| Athlone | Anchor's Bower National School. |
| ,, | Cloonakilla National School. |
| ,, | Ranelagh School. |
| ,, | St. Mary's Parochial School, Scotch Parade. |
| Aughnacloy | Knocknaroy National School. |
| ,, | National School, Church Lane. |
| Ballina | National School, Enfield. |
| Ballinaderry | Church Hill National School. |
| Ballinderry (Upper) | National School. |
| Ballincollig | Ballinora National School. |
| Ballybay | Corvoy National School. |
| ,, | No. 2 National School. |
| Ballyconnell | National School. |
| Ballyetherland | National School. |
| Ballyhalbert | National School. |
| Ballymena | Carninney National School. |
| Ballynahinch | Court House, The Square. |
| Bandon | Allin Institute, North Main Street. |
| ,, | Female Training School, Shannon Street. |
| Bantry | Parochial National Board School. |
| Barnesmore | Keadue National School. |
| Bawnboy | Drumloher National School. |
| Belfast | Academy Street National School, No. 1. |
| ,, | Academy Street National School, No. 2. |
| ,, | Ardoyne, Edenderry National School. |
| ,, | Linen Hall. |
| ,, | Duncairn National School. |
| ,, | Union Place National School. |
| Bellurgan | National School. |
| Broomfield | Aghnafarcan National School. |
| Bruckless | National School. |
| Bushmills | National School. |
| Carnteel | National School. |
| Carrick | Malinbeg National School. |
| ,, | Teelin National School. |
| Cashel | National School. |
| Castleblayney | Annayalla National School. |
| ,, | Drummuck National School. |
| ,, | Drollagh Church Educational Institute. |
| ,, | Shean National School. |
| ,, | Tullyraghan National School. |
| Castlederg | National School. |
| Castlerea | Caddlebrook National School. |
| Castletown | National School. |
| Castlewellan | No. 2 National School. |
| Cavan | St. Patrick's Christian Schools. |
| Clare | National School. |

Appendix B.

List of Science Schools closed—*continued.*

LIST OF SCIENCE SCHOOLS CLOSED.

| Place. | School. |
|---|---|
| Clones | Radeer Park and Killeevan National Sch. |
| „ | Ture and Radeer Park National School. |
| Clontibret | National School. |
| „ | Creeve National School. |
| Coleraine | No. 1 National School. |
| Comber | Clontonacally National School. |
| „ | Lisbarnett National School. |
| „ | Male National School, High Street. |
| Connor | National School. |
| Cookstown | National School, Loy. |
| Cork | Sunday's Well National School. |
| Croagh | National School. |
| Doagh | National School. |
| Downpatrick | John Street National School. |
| Dromagh | Derrinagree National School. |
| Dublin | Central Model School. |
| „ | King's Hospital School. |
| „ | Church of Ireland Young Men's Christian Association. |
| „ | Methodist School, George Street, South. |
| Dundalk | Erasmus Smith's School. |
| Ederney | Moneyvriece National School. |
| Five-Mile-Town | National School. |
| Galway | Model School. |
| Garvagh | National School, Main Street. |
| Glasslough | Schoolhouse. |
| Glenavy | National School. |
| Glenties | Female National School. |
| Hillsboro' | Anahilt, Ballykeel, Locherne National School. |
| „ | Clintaugh National School. |
| Irvinestown | National School, Church Street. |
| Kells | Tardree National School. |
| Kilcar | Keonaghan National School. |
| Killinchy | Schoolroom. |
| Killybegs | National School, Commons. |
| Kilrush | No. 1 National School, Henry Street. |
| Laragh | School. |
| Lifford | Female School. |
| Lisburn | Ballymacward National School. |
| „ | Rushy Hill National School. |
| „ | Hill Hall National School. |
| Londonderry | Model School. |
| Loughgilly | Lesdrumchor National School. |
| Macosquin | National School. |
| Manor-Cunningham | Errity National School. |
| Markethill | Brackley National School. |
| „ | Coolmalish National School. |
| Millstreet | National School. |
| Monaghan | Ternaneal National School. |
| Mount Charles | Drumcoe National School. |
| „ | Glencoagh National School. |

List of Science Schools closed—*continued.*



| Place. | School. |
|---|---|
| Mount Norris | Schoolhouse. |
| Moys | Lemgare National School. |
| Newbliss | Dawson National School. |
| " | Tattenclave National School. |
| " | Latnamard National School. |
| " | National School. |
| Newmarket-on-Fergus | National School. |
| Newtownards | Assembly Rooms. |
| Newtownbarry | National School. |
| Portadown | Edenderry National School. |
| Quin | Male National School. |
| Randalstown | National School, No. 2. |
| Rathfryland | Town Hall. |
| Rathkeale | National School, No. 2. |
| Rathmore | National School. |
| Rosetta | National School. |
| Rossdoney | National School. |
| Roslea | Cordoola National School. |
| St. Johnston | National School, Meeting House Street. |
| Scariff | National School. |
| Stewartstown | National School, Arboe. |
| " | National School, Ballymaguire. |
| Strabane | Miss Browne's School, Abercorn Square. |
| " | Tullywhisker National School. |
| Templepatrick | Ballyntoag National School. |
| " | Loan Ends School. |
| Toome Bridge | Taylorstown South, National School. |
| Trim | Model School. |
| Tulla | National School. |
| Turlough | National School. |
| Waring's Town | National School. |

## Grants in Aid of the Erection, Enlargement, or Purchase of Buildings for Schools of Science and Art.

Grants in Aid of Buildings.

Report by Major Festing, R.E.

Grants have been made during the year in aid of erecting Schools of Art at Lewes and at Ryde.

The original application from the former place was received in 1869, but in consequence chiefly of the difficulty of raising the necessary funds, it was completed only in 1875. The amount of the grant given was 364*l.*, on an internal superficial space of 3,120 feet.

The foundation stone of the School of Art at Ryde was laid by H.I.R.H. the Crown Princess of Germany, in August 1874. The building was completed in May 1875. The internal space of 4,420 superficial feet was sufficient to enable the maximum grant of 500*l.* to be made.

Of the localities mentioned in last year's report as having applied for grants the above alone have been able to claim the payment of them. Applications for grants have been received during the year from Warrington for a School of Art, and from Brighton and Macclesfield for Schools of Science and Art.

Appendix C.

# APPENDIX C.

Mr. Bowler's Report.

## 1. Report of the Assistant Director for Art on Schools of Art and Art Examinations.

The extension of Art instruction is promoted by regulations under which aid is given:—

First, to Elementary schools for the Poor where drawing is taught concurrently with reading and writing, and is specially directed to the improvement and refinement of the perceptive powers of the children;

Second, to Diocesan and other Training Colleges, in which the teachers of elementary schools obtain certificates as teachers of drawing;

Third, to Night Classes for children above 12 years of age and artisans; in these classes the primary instruction of the children is carried further than in the Elementary Schools, and they are associated with adult students in the study of form, light and shade, and linear drawing;

Fourth, to Schools of Art which are entirely devoted to Art instruction, and where the student, after having obtained sound elementary knowledge, pursues the technical study of Art in the direction required by his occupation;

Fifth, to selected students of Local Schools of Art, to enable them to attend the National Art Training School, which is maintained for training Art teachers, designers, or Art workmen.

*Elementary Schools.*—The instruction in these schools continues satisfactory, the increase in the numbers of children under instruction was nearly 100,000, bringing the total number up to 387,904, of whom 274,998 were presented for examination with the results shown in Table A, page 168, from which it will be seen that aid to the extent of 19,922*l.* was granted to 2,945 schools, an average of 6*l.* 15*s.* 9*d.* per school.

*Training Colleges.*—Table B., page 266. The number of candidates, both students and teachers, and pupil teachers from elementary schools, continues to increase, but the rate of success is somewhat lower.

*Art Night Classes.*—Table C., p. 268. The comparison at the end of the table shows a continuous increase from year to year in these classes now numbering 777, and giving instruction to 25,217 students; 563 classes were examined and payments amounting to 5,895*l.* made on the results of their examination. This sum, with the addition of 896*l.* granted towards the cost of examples, gives an average of 12*l.* to each class, a slight increase on the grants for the previous year which is an evidence of advance in the success of the instruction. The list of *awards to teachers* most successful is given at page 294. Table D., page 296, states the amounts paid to *Science classes* on account of success in Art examinations. Table E., page 298, is a list of schools which have been examined for *prizes only*, but receive no payments in aid, either because they are endowed, are not taught by certificate teachers, or are otherwise ineligible to receive grants from the Parliamentary vote.

*Schools of Art.*—Abstracts from the reports of schools of art extend from page 300 to page 367. They are followed by Table F., page 368, giving the results of the examinations in schools of Art; Table G., page 371, giving the income of each school. Table H. showing the continuous increase in the number of persons taught drawing in all the various Art schools and classes in connexion with the department, amounting now to 449,953; Table I., page 375, showing the grants made to encourage this instruction which amount to 45,189*l.* 8*s.* 4*d.*

*Building Grants.*—A list of schools of Art aided by building grants is given at page 378, Table J.

The return at page 378, shows the cost of Art prizes to have been 4,864*l.* 13*s.* 8*d.*, an item of expenditure which has increased only 1,100*l.* since 1866, notwithstanding the very much greater proportional increase which has taken place in the number of persons under instruction.

Though there can be no doubt of the value of these prizes in stimulating the students to exertion and directing that exertion towards sound objects of study, it will be impossible to look forward to the continued growth of this expenditure; the standard at which they are awarded must therefore be expected to rise from year to year.

*Examples.*—Table L., page 381, shows the expenditure under this head towards which the schools themselves contribute by direct payments. The increased demands on the vote arise chiefly from the extension of instruction in drawing in public elementary schools.

*National competition* of schools of Art.—The examiners report will be found at p. 394, followed by a list of the successful students. The examiners observe a higher average of merit in the works submitted, which is the satisfactory and natural result of persistence in a sound system of encouragement.

*The Princess of Wales scholarships* have been awarded to Miss Susan R. Canton, of Bloomsbury School of Art, and Miss Lydia Habershon, of Sheffield School of Art, to each of whom were awarded gold medals in the national competition.

The *awards to Art masters* of the 60 schools of Art in which the results of instruction were shown to be most satisfactory are given at page 400, and a table showing the distribution of these awards since 1868 at page 402.

*Art Certificates of the Third Grade.*—56 have been awarded to candidates whose names are given in Table N., page 404, and who have, by passing the necessary examinations, shown themselves qualified to give instruction in schools of Art.

The award in prizes of the sum of 25*l.*, again liberally offered by the Worshipful Company of Plasterers, is stated at page 405.

*National Art Training School.*—Owing to the loss of the late head-master, Mr. Burchett, the report on the work of the Art training school for the year ending 31st July 1875, has been made by Mr. Herman, whose office has in the recent re-organization of the training school become that of registrar. The staff of the school was further reduced by the death of Mr. W. Denby, and as re-arranged is now as follows:—

Principal, Edward J. Poynter, R.A.

Head-master, J. Sparkes.

Mechanical and architectural drawing, H. B. Hagreen.

Geometry and perspective, E. S. Burchett.

Modelling, F. M. Miller.

Painting, freehand drawing of ornament, &c., the figure and anatomy, and ornamental design, J. Sparkes, C. P. Slocombe, T. Clack, and F. M. Miller.

Etching, A. Legros.

Female classes.—Instructors: Mrs. F. Casabianca, Miss Channon.

Occasional lecturers: R. W. Herman, Principles of ornamental construction; Dr. Zerffi, Historic ornament; F. Bellamy, F.R.C.S., Eng., Anatomy; F. W. Moody, the Figure as applied to decoration.

Registrar, R. W. Herman.

The special class for national scholars, under the instruction of Mr. F. W. Moody, has consisted of six students, to whom the various phases of decorative Art, illustrated by works in the museum, have been fully explained.

(Signed) H. A. Bowler.

## TABLE A.—INSTRUCTION in DRAWING in ELEMENTARY DAY SCHOOLS during the YEAR 1874–5.

*Abbreviations.*—B. British. Bd. Board. Char. Charity. Ch. of E. Church of England. Dist. District. Dom. Domestic. Educ$^{l}$. Educational. F. C. Free Church. Inst$^{n}$. Institution. Lanc$^{n}$. Lancasterian. Meth. Methodist. Miss. Mission. N. National. Par. Parish. Presb$^{n}$. Presbyterian. R. C. Roman Catholic. S. School. Sess$^{l}$. Sessional. Wes. Wesleyan.

## ENGLAND.

| Town. | Name of School. | Total No. of Children taught Drawing. | No. examined in 1st and 2nd Grades. | No. satisfactorily taught, 1st Grade. | No. showing proficiency, 1st Grade. | No. who excelled and obtained Prizes, 1st Grade. | No. of Children who passed in 2nd Grade. | No. of Children who obtained Prizes in 2nd Grade. | No. of Children on whom Payments were made. | No. of Pupil-teachers and paid Monitors examined. | No. of Pupil-teachers and paid Monitors passed. | No. of Pupil-teachers and paid Monitors who obtained Prizes. | No. of Pupil-teachers and paid Monitors on whom Payments were made. | Amount of Payments made to the School on account of Drawing. | Cost of Prizes and Examples. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | £ s. d. | £ s. d. | £ s. d. |
| BEDFORD. | | | | | | | | | | | | | | | | |
| Aspley Guise | B. S. | 58 | 61 | 24 | 6 | 2 | — | — | 32 | 4 | 1 | — | 1 | 3 12 0 | 0 4 4 | 3 16 4 |
| Bedford | Eastcotts Bd. S. | 33 | 29 | 23 | 4 | 2 | — | — | 29 | — | — | — | — | 2 17 0 | 0 4 4 | 3 1 4 |
| Cranfield | N. S. | 117 | 110 | 44 | 11 | 4 | — | — | 57 | 4 | 2 | — | — | 4 18 0 | 0 10 10 | 5 8 10 |
| Dunstable | Ashton Boys' S. | 80 | 33 | 17 | 5 | 4 | — | — | 26 | — | — | — | — | 2 19 0 | 0 8 6 | 3 7 6 |
| Leighton Buzzard | Boys' B. S. | 80 | 60 | 22 | 21 | 17 | — | — | 60 | — | — | — | — | 6 15 0 | 1 17 7 | 8 12 7 |
| " | Girls' B. S. | 50 | 34 | 25 | 4 | 2 | — | — | 31 | — | — | — | — | 1 19 0 | 0 4 4 | 2 3 4 |
| " | St. Andrew's N.S. | 47 | 23 | 16 | 6 | 1 | — | — | 23 | 1 | — | — | — | 2 11 0 | 0 14 6 | 3 5 6 |
| Luton | High Town Ch. of E. S. | 120 | 115 | 79 | 11 | 3 | — | — | 93 | — | — | — | — | 6 10 0 | 0 6 7 | 6 16 7 |
| " | Queen Street N. S. | 150 | 94 | 38 | 16 | 2 | — | — | 56 | — | — | — | — | 4 16 0 | 0 4 4 | 5 0 4 |
| Silsoe | N. S. | 67 | 43 | 14 | 5 | 1 | — | — | 20 | — | — | — | — | 2 7 0 | 0 2 2 | 2 9 2 |
| Toddington | Wes. S. | 70 | 65 | 10 | 3 | — | — | — | 13 | 2 | — | — | — | 0 16 0 | Nil. | 0 16 0 |
| Turvey | N. S. | 18 | 15 | 9 | 4 | 2 | — | — | 15 | — | — | — | — | 1 3 0 | 1 11 1 | 2 14 1 |
| Westoning | N. S. | 60 | 57 | 33 | 9 | 5 | — | — | 47 | 3 | — | 1 | 1 | 4 16 0 | 1 0 11 | 5 16 11 |
| BERKSHIRE. | | | | | | | | | | | | | | | | |
| Abingdon | N. S. | 80 | 61 | 32 | 22 | 5 | — | 1 | 53 | 4 | 1 | — | — | 5 2 0 | 1 1 4 | 6 3 4 |
| Culham | Pract. S. | 48 | 39 | 20 | 7 | — | — | — | 32 | 1 | — | — | — | 3 9 0 | 0 11 1 | 4 0 1 |
| Faringdon | B. S. | 105 | 56 | 29 | 2 | — | — | — | 31 | 2 | — | — | — | 2 13 0 | Nil. | 2 13 0 |
| Hungerford | N. S. | 30 | — | — | — | — | — | — | — | 2 | 2 | — | 2 | 1 0 0 | Nil. | 1 0 0 |
| Lambourn | N. S. | 70 | 51 | 26 | 10 | 5 | — | — | 41 | — | — | — | — | 4 1 0 | 0 11 0 | 4 12 0 |
| " | Wes. S. | 42 | 33 | 14 | 2 | 3 | — | — | 19 | 1 | 1 | — | 1 | 2 17 0 | 0 6 5 | 3 3 5 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Maidenhead | Wes. S. | 90 | 53 | 29 | 3 | 3 | — | — | 35 | 2 | 1 | — | 1 | 3 14 0 | 0 6 7 | 4 0 7 |
| Newbury | Wes. S. | 125 | 77 | 33 | 10 | 2 | — | — | 45 | 2 | 1 | — | 1 | 4 9 0 | 0 4 5 | 4 13 5 |
| Reading | B. S. | 317 | 130 | 82 | 26 | 11 | — | — | 119 | 2 | 1 | — | 1 | 9 17 0 | 1 3 11 | 11 0 11 |
| " | St. Giles' S. | 100 | 94 | 71 | 4 | 1 | — | — | 76 | 3 | — | — | — | 5 2 0 | 0 2 2 | 5 4 2 |
| Sandhurst | Ch. of E. S. | 33 | 33 | 23 | 6 | 2 | — | — | 31 | 5 | 1 | — | 1 | 3 11 0 | 0 4 4 | 3 15 4 |
| Staines | Ascot Heath Ch. of E. S. | 65 | 53 | 26 | 8 | 3 | — | — | 37 | 2 | — | — | — | 3 11 0 | 0 6 6 | 3 17 6 |
| Wantage | Wes. S. | 105 | 69 | 34 | 13 | 3 | — | — | 50 | 2 | — | 1 | 1 | 4 19 0 | 0 16 4 | 5 15 4 |
| Windsor (Old) | N. S. | 42 | 37 | 24 | 2 | 1 | — | — | 27 | — | — | — | — | 2 11 0 | 0 2 2 | 2 13 2 |
| Wokingham | St. Paul's S. | 157 | 35 | 14 | 5 | 5 | — | — | 24 | — | — | — | — | 2 19 0 | 0 11 1 | 3 10 1 |
| BUCKINGHAM. | | | | | | | | | | | | | | | | |
| Aylesbury | B. S. | 58 | 35 | 19 | 6 | 4 | — | — | 29 | 4 | 2 | 1 | — | 3 3 0 | 0 19 2 | 4 2 2 |
| Buckingham | Bd. S. | 49 | 40 | 13 | 6 | 3 | — | — | 22 | — | — | — | — | 2 14 0 | 0 6 7 | 3 0 7 |
| " | N. S. | 75 | 65 | 30 | 11 | 3 | — | — | 44 | 2 | — | 1 | 1 | 4 11 0 | 0 17 1 | 5 8 1 |
| Chalfont | St. Giles' S. | 30 | 25 | 9 | 4 | 2 | — | — | 15 | 1 | — | — | — | 1 3 0 | 0 12 4 | 1 15 4 |
| Chalvey | St. Peter's N. S. | 60 | 42 | 23 | 11 | 6 | — | — | 40 | 1 | 1 | — | — | 4 3 0 | 0 12 8 | 4 15 8 |
| Chenies | Ch. of E. S. | 59 | 27 | 15 | 4 | 5 | 1 | — | 24 | 3 | 2 | — | — | 2 18 0 | 0 10 10 | 3 8 10 |
| Fenny Stratford | B. S. | 80 | 73 | 40 | 10 | 6 | — | — | 56 | 4 | 2 | 1 | 3 | 7 8 0 | 2 9 11 | 9 17 11 |
| Hanslope | Bd. S. | 100 | 72 | 39 | 6 | 1 | — | — | 46 | 3 | — | — | — | 3 14 0 | 1 7 8 | 5 1 8 |
| Mentmore | Baron Rothschild's S. | 36 | 28 | 12 | 4 | 2 | — | — | 18 | 2 | — | — | — | 1 6 0 | 0 4 4 | 1 10 4 |
| Newport Pagnell | B. S. | 45 | 31 | 15 | 6 | 2 | — | — | 23 | 1 | 1 | — | — | 2 13 0 | 0 4 4 | 2 17 4 |
| " | Central N. S. | 115 | 42 | 21 | 6 | 3 | — | — | 30 | 2 | — | — | — | 3 2 0 | 0 6 6 | 3 8 6 |
| Princes Risborough | N. S. | 36 | 23 | 6 | 8 | 2 | — | — | 16 | — | — | — | — | 1 8 0 | 0 4 4 | 1 12 4 |
| Slough | Upton-cum-Chalvey N. S. | 135 | 156 | 53 | 46 | 16 | — | — | 115 | 3 | — | — | — | 10 13 0 | 1 14 10 | 12 7 10 |
| Stoke Poges | N. S. | 120 | 102 | 57 | 16 | 6 | — | — | 79 | 3 | — | — | — | 6 7 0 | 0 12 6 | 6 19 6 |
| Stony Stratford | B. S. | 80 | 55 | 19 | 16 | 7 | — | — | 42 | 2 | — | — | — | 4 12 0 | 0 15 5 | 5 7 5 |
| " | Ch. of E. N. S. | 34 | 28 | 20 | 3 | 2 | — | — | 25 | — | — | — | — | 2 12 0 | 0 4 4 | 2 16 4 |
| Wendover | N. S. | 90 | 68 | 48 | 8 | 2 | — | — | 58 | — | — | — | — | 4 10 0 | 0 4 4 | 4 14 4 |
| Wooburn | Ch. of E. S. | 123 | 69 | 32 | 12 | 3 | — | — | 47 | 3 | 1 | — | 1 | 4 15 0 | 0 6 4 | 5 1 4 |
| Wycombe, High | Bd. S. | 180 | 181 | 102 | 20 | 9 | 1 | — | 132 | — | — | — | — | 9 14 0 | 0 19 3 | 10 13 3 |
| CAMBRIDGE. | | | | | | | | | | | | | | | | |
| Burwell | Boys' S. | 40 | 29 | 17 | 5 | 3 | — | — | 25 | — | — | — | — | 2 16 0 | 0 6 7 | 3 2 7 |
| Cambridge | Abbey S. | 25 | 17 | 1 | — | — | — | — | — | — | — | — | — | Nil. | Nil. | Nil. |
| " | East Road N. S. | 174 | 88 | 52 | 11 | 6 | — | — | 69 | 4 | 1 | — | 1 | 6 2 0 | 0 12 11 | 6 14 11 |
| " | Higher Grade Boys' S. | 200 | 141 | 79 | 18 | 11 | — | — | 108 | — | — | — | — | 8 8 0 | 1 4 3 | 9 12 3 |
| " | " " Girls' S. | 111 | 51 | 30 | 5 | 1 | — | — | 36 | — | — | — | — | 3 3 0 | 0 2 0 | 3 5 0 |
| " | King Street S. | 78 | 34 | 14 | 8 | 4 | — | — | 26 | 2 | — | 1 | 1 | 3 12 0 | 0 19 2 | 4 11 2 |
| " | St Paul's N. S. | 75 | 35 | 27 | 10 | 4 | — | — | 41 | 1 | — | — | — | 3 19 0 | 0 8 6 | 4 7 6 |
| Chatteris | Bd. S. | 60 | 20 | 10 | 9 | 1 | — | — | 20 | — | — | — | — | 2 11 0 | 0 2 2 | 2 13 2 |
| Cottenham | Bd. S. | 100 | 67 | 44 | 16 | 7 | — | — | 67 | 5 | 1 | — | 1 | 6 7 0 | 0 15 2 | 7 2 2 |
| Ely | Needham's Char. S. | 60 | 22 | 12 | 9 | — | — | — | 21 | 2 | 1 | — | — | 2 10 0 | Nil. | 2 10 0 |
| " | Silver Street N. S. | 24 | 20 | 11 | 5 | 2 | — | — | — | — | — | — | — | Nil. | 0 4 4 | 0 4 4 |

Appendix C.

DRAWING IN ELEMENTARY DAY SCHOOLS.

## Instruction in Drawing in Elementary Day Schools—*continued.*

| Town. | Name of School. | Total No. of Children taught Drawing. | No. examined in 1st and 2nd Grades. | No. satisfactorily taught, 1st Grade. | No. showing proficiency, 1st Grade. | No. who excelled and obtained Prizes, 1st Grade. | No. of Children who passed in 2nd Grade. | No. of Children who obtained Prizes in 2nd Grade. | No. of Children on whom Payments were made. | No. of Pupil-teachers and paid Monitors examined. | No. of Pupil-teachers and paid Monitors passed. | No. of Pupil-teachers and paid Monitors who obtained Prizes. | No. of Pupil-teachers and paid Monitors on whom Payments were made. | Amount of Payments made to the School on account of Drawing. | Cost of Prizes and Examples. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | £ s. d. | £ s. d. | £ s. d. |
| Fordham - | Soham N. S. - | 60 | 40 | 33 | 1 | — | — | — | 34 | 2 | 1 | — | 1 | 3 5 0 | Nil. | 3 5 0 |
| Ickleton - | B. S. - | 53 | 44 | 24 | 6 | 3 | — | — | 33 | 1 | — | — | — | 3 5 0 | 0 6 7 | 3 11 7 |
| Kirtling - | Par. S. - | 57 | 27 | 14 | 8 | 4 | — | — | 26 | 3 | — | — | — | 3 2 0 | 1 9 1 | 4 11 1 |
| March - | S. Dist. Boys' S. | 75 | 47 | 31 | 5 | 4 | — | — | 40 | 3 | 1 | — | 3 | 5 3 0 | 0 8 8 | 5 11 8 |
| Newmarket - | All Saints' N. S. | 80 | 72 | 36 | 11 | 1 | — | — | 41 | 1 | 1 | — | — | 3 13 0 | 0 2 3 | 3 15 3 |
| Over - - | B. S. - - | 40 | 30 | 17 | 5 | 4 | — | — | 30 | — | — | — | — | 3 15 0 | 0 8 8 | 4 3 8 |
| Thorney - | N. S. - - | 98 | 43 | 27 | 8 | 2 | — | — | 37 | 2 | 2 | 1 | 2 | 4 9 0 | 0 4 4 | 4 13 4 |
| Wisbeach - | St. Peter's N. S. | 264 | 104 | 60 | 8 | 2 | — | — | 70 | — | 2 | — | — | 5 2 0 | 0 4 4 | 5 6 4 |
| „ - | Victoria Road B. S. | 260 | 138 | 79 | 35 | 9 | 4 | 1 | 123 | 6 | 5 | — | 5 | 13 11 0 | 1 8 10 | 14 19 10 |
| CHESHIRE. | | | | | | | | | | | | | | | | |
| Alderley - | S. - - - | 40 | 30 | 12 | 8 | 1 | — | — | 21 | — | — | — | — | 2 11 0 | 0 2 2 | 2 13 2 |
| Day S. - - | | 110 | 78 | 46 | 9 | 4 | — | — | 59 | 2 | — | — | — | 4 16 0 | 0 8 2 | 5 4 2 |
| Alsager - | Ch. Ch. N. S. - | 87 | 28 | 20 | 3 | — | 1 | — | 23 | — | — | — | 1 | 2 6 0 | Nil. | 2 6 0 |
| Altrincham - | St. George's Jubilee S. | 134 | 100 | 46 | 12 | 2 | — | — | 61 | 2 | 1 | — | 1 | 5 11 0 | 0 4 4 | 5 15 4 |
| „ - - | Seamon's Moss End. S. | 54 | 45 | 22 | 7 | 1 | — | — | 24 | 1 | — | 1 | — | 2 13 0 | 2 6 0 | 4 19 0 |
| Birkenhead - | Hamilton Presb. S. - | 50 | 40 | 20 | 4 | 1 | — | — | 19 | 3 | — | — | — | 2 5 0 | 0 2 2 | 2 7 2 |
| „ - - | St. Anne's S. - | 158 | 78 | 24 | 5 | 2 | 1 | — | 33 | 10 | 2 | — | 2 | 4 12 0 | 0 2 2 | 4 14 2 |
| „ - - | St. James' N. S. - | 50 | 41 | 24 | 5 | 2 | — | — | 31 | — | — | — | — | 3 0 0 | 0 4 4 | 3 4 4 |
| „ - - | St. Mary's N. S. | 133 | 64 | 33 | 17 | 4 | — | — | 59 | 6 | 1 | — | 1 | 5 14 0 | 0 8 8 | 6 2 8 |
| Bosley - | St. Mary's N. S. | 48 | 40 | 32 | 9 | 4 | — | — | 45 | — | — | — | — | 3 2 0 | 0 8 8 | 3 10 8 |
| Bowdon - | N. S. - - | 50 | 42 | 29 | 7 | 3 | — | — | 39 | — | — | — | — | 3 12 0 | 0 6 6 | 3 18 6 |
| Bredbury - | St. Mark's S. - | 130 | 26 | 8 | 15 | 3 | 1 | — | 25 | 5 | — | — | — | 3 7 0 | 0 6 6 | 3 13 6 |
| Bromborough - | N. S. - - | 65 | 60 | 17 | 3 | 1 | 2 | — | 22 | — | — | — | — | 2 11 0 | 0 2 2 | 2 13 2 |
| Bunbury - | Aldersey End. S. | 117 | 104 | 45 | 23 | 7 | 1 | 1 | 83 | 2 | — | — | — | 7 17 0 | 1 5 0 | 9 2 0 |
| Cheadle Hulme - | Orphan S. - | 130 | 120 | 49 | 25 | 12 | 5 | 1 | 93 | 5 | 2 | — | 2 | 10 7 0 | 1 16 0 | 12 3 0 |
| Chester - | Boughton Industrial S. | 82 | 81 | 32 | 23 | 6 | — | — | 61 | 2 | — | — | — | 5 16 0 | 0 13 0 | 6 9 0 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| „ | „ St. Paul's S. | 156 | 112 | 61 | 11 | 4 | — | — | 76 | — | — | — | — | 5 15 0 | 0 8 4 | 6 3 4 |
| „ | Blue Coat S. | 99 | 92 | 49 | 24 | 8 | — | — | 81 | — | — | 1 | 1 | 7 6 0 | 1 0 5 | 8 6 5 |
| „ | Diocesan S. | 136 | 79 | 45 | 10 | 2 | — | — | 57 | 3 | — | — | — | 4 11 0 | 0 4 2 | 4 15 2 |
| „ | Hoole, All Saints' S. | 50 | 37 | 23 | 7 | 3 | — | — | 33 | 1 | — | — | — | 3 6 0 | 0 6 4 | 3 12 4 |
| „ | St. John's S. | 89 | 73 | 39 | 16 | 6 | — | — | 61 | 1 | — | — | — | 5 19 0 | 1 3 4 | 7 2 4 |
| „ | St. Mary's S. | 120 | 99 | 23 | 3 | — | — | — | 26 | 5 | 1 | — | 1 | 2 19 0 | Nil. | 2 19 0 |
| „ | Trinity Boys' S. | 90 | 74 | 43 | 18 | 5 | — | — | 66 | 1 | — | — | — | 5 14 0 | 0 10 8 | 6 4 8 |
| „ | Parkgate Road Model S. | 121 | 82 | 55 | 14 | 3 | — | — | 72 | — | — | — | — | 5 12 0 | 0 6 6 | 5 18 6 |
| „ | Victoria Road B. S. | 110 | 89 | 50 | 11 | 1 | — | — | 62 | 8 | 1 | — | 1 | 5 5 0 | 0 2 2 | 5 7 2 |
| „ | Wes. Boys' S. | 174 | 140 | 55 | 20 | 7 | — | — | 82 | 3 | 1 | — | 1 | 7 6 0 | 0 14 10 | 8 0 10 |
| „ | „ Girls' S. | 170 | 138 | 50 | 8 | 2 | — | — | 60 | 6 | 2 | — | 2 | 5 12 0 | 0 4 3 | 5 16 3 |
| Compstall | St. Paul's S. | 106 | 104 | 48 | 14 | 8 | — | — | 70 | — | — | — | — | 6 0 0 | 0 17 8 | 6 17 8 |
| Congleton | St. James' S. | 90 | 31 | 19 | 5 | 2 | — | — | 26 | 3 | — | — | — | 2 15 0 | 0 4 3 | 2 19 3 |
| „ | Wagg Street Wes. S. | 186 | 86 | 17 | — | — | — | — | 17 | — | — | — | — | 0 17 0 | Nil. | 0 17 0 |
| Crewe | Church Coppenhall Bd. S. | 90 | 64 | 21 | 7 | 2 | — | — | 30 | 2 | 1 | — | 1 | 3 11 0 | 0 4 4 | 3 15 4 |
| „ | Crewe Green Ch. of E. S. | 44 | 35 | 19 | 8 | 3 | — | — | 30 | 2 | 1 | — | 1 | 3 14 0 | 1 17 3 | 5 11 3 |
| „ | Crewe Street N. S. | 320 | 270 | 91 | 46 | 35 | 1 | 1 | 174 | 9 | 3 | 2 | 5 | 18 8 0 | 4 19 7 | 23 7 7 |
| „ | Hightown Wes. S. | 245 | 161 | 91 | 18 | 9 | 1 | — | 119 | 9 | 3 | — | 3 | 10 9 0 | 0 19 8 | 11 8 8 |
| „ | Hill Street Presbn S. | 174 | 154 | 95 | 14 | 8 | — | — | 117 | 9 | 2 | — | 2 | 9 7 0 | 0 17 7 | 10 4 7 |
| „ | Mill Street Wes. S. | 220 | 108 | 57 | 6 | 4 | — | — | 67 | 5 | 2 | 2 | 4 | 8 11 0 | 1 8 6 | 9 19 6 |
| Dukinfield | Factory B. S. | 94 | 35 | 10 | — | — | — | — | 10 | — | — | — | — | 0 10 0 | 2 3 4 | 2 13 4 |
| „ | St. John's N. S. | 166 | 141 | 86 | 11 | 1 | — | 1 | 99 | 5 | — | — | — | 6 16 0 | 0 12 8 | 7 8 8 |
| „ | St. Mark's S. | 65 | 29 | 6 | 16 | 7 | — | — | 29 | 2 | 1 | 1 | — | 3 19 0 | 1 4 10 | 5 3 10 |
| Edgeley | Wes. S. | 111 | 40 | 21 | 12 | 3 | — | — | 36 | 4 | — | — | — | 3 14 0 | 0 16 9 | 4 10 9 |
| Gee Cross | Holy Trin. N. S. | 33 | 27 | 14 | 3 | 1 | — | — | 18 | 1 | — | — | — | 1 3 0 | 0 2 2 | 1 5 2 |
| „ | Undenominational S. | 82 | 75 | 42 | 17 | 3 | — | — | 62 | 2 | — | — | — | 5 5 0 | 0 6 4 | 5 11 4 |
| Hazel Grove | Wes. S. | 71 | 60 | 34 | 15 | 4 | — | — | 53 | — | — | — | — | 4 16 0 | 0 8 8 | 5 4 8 |
| Hyde | Flowery Field B. S. | 299 | 256 | 160 | 37 | 10 | 1 | — | 208 | 12 | 6 | — | 6 | 18 9 0 | 1 7 9 | 19 16 9 |
| „ | Water Street Wes. S. | 58 | 47 | 25 | 15 | 4 | — | — | 44 | 4 | 1 | — | 1 | 4 17 0 | 0 8 8 | 5 5 8 |
| Knutsford | High Legh Ch. of E. S. | 80 | 74 | 45 | 10 | 3 | — | — | 54 | 1 | — | — | — | 4 9 0 | 0 6 8 | 4 15 8 |
| Latchford | St. James' S. | 113 | 80 | 29 | 8 | 3 | — | — | 40 | — | — | — | — | 3 14 0 | 0 6 6 | 4 0 6 |
| Lawton | Prim. Meth. S. | 70 | 94 | 41 | 8 | 3 | — | — | 46 | — | — | — | — | 3 12 0 | 0 6 7 | 3 18 7 |
| Macclesfield | Ch. Ch. S. | 380 | 315 | 150 | 41 | 17 | 4 | 2 | 214 | 12 | 3 | 1 | 4 | 19 3 0 | 3 5 10 | 22 8 10 |
| „ | Mill Street Wes. S. | 180 | 102 | 48 | 6 | 2 | — | — | 56 | 4 | — | — | — | 4 6 0 | 0 4 4 | 4 10 4 |
| „ | Modern Free S. | 134 | 76 | 41 | 20 | 14 | — | — | 75 | — | — | — | — | 7 3 0 | 3 5 10 | 10 8 10 |
| Marple | Albert B. S. | 160 | 102 | 57 | 21 | 7 | 1 | — | 86 | 3 | — | — | — | 7 5 0 | 0 15 1 | 8 0 1 |
| Marton | N. S. | 23 | 23 | 5 | 6 | 1 | — | — | 12 | — | — | — | — | 1 0 0 | 0 2 2 | 1 2 2 |
| Micklehurst | St. James' S. | 140 | 70 | 46 | 8 | 2 | — | — | 56 | — | — | — | — | 4 8 0 | 0 4 4 | 4 12 4 |
| Middlewich | N. S. | 110 | 96 | 58 | 12 | 5 | — | — | 75 | 6 | 1 | — | 1 | 6 7 0 | 0 10 8 | 6 17 8 |
| Nantwich | Wes. S. | 135 | 54 | 35 | 17 | 2 | — | — | 51 | 4 | — | — | — | 4 11 0 | 0 4 4 | 4 15 4 |
| Neston | N. S. | 29 | 17 | 14 | 1 | 1 | — | — | 16 | — | — | — | — | 0 19 0 | 0 2 0 | 1 1 0 |
| Northenden | Sharston S. | 40 | 25 | 10 | 10 | 5 | — | — | 25 | 3 | — | — | — | 3 5 0 | 0 10 10 | 3 15 10 |
| Northwich | Wes. S. | 108 | 76 | 33 | 23 | 5 | — | — | 61 | — | — | — | — | 5 14 0 | 0 10 11 | 6 4 11 |

Appendix C.

DRAWING IN ELEMENTARY DAY SCHOOLS.

Instruction in Drawing in Elementary Day Schools—*continued.*

| Town. | Name of School. | Total No. of Children taught Drawing. | No. examined in 1st and 2nd Grades. | No. satisfactorily taught, 1st Grade | No. showing proficiency, 1st Grade. | No. who excelled and obtained Prizes, 1st Grade. | No. of Children who obtained Prizes in 2nd Grade. | No. of Children who passed in 2nd Grade. | No. of Pupil-teachers and paid Monitors examined. | No. of Pupil-teachers and paid Monitors passed. | No. of Pupil-teachers and paid Monitors who obtained Prizes. | No. of Pupil-teachers and paid Monitors on whom Payments were made. | Amount of Payments made to the School on account of Drawing. | Cost of Prizes and Examples. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | £ s. d. | £ s. d. | £ s. d. |
| Over - - | Gram. S. - - | 40 | 23 | 9 | 4 | 1 | — | — | 2 | — | — | 14 | 1 0 0 | 1 2 2 | 1 2 2 |
|Runcorn - - | Brunswick Wes. S. | 173 | 73 | 41 | 13 | 6 | — | — | 2 | 1 | — | 60 | 5 5 0 | 0 13 1 | 5 18 1 |
| " - - | N. S. - - | 153 | 94 | 54 | 11 | 4 | — | — | 3 | — | — | 69 | 5 8 0 | 0 8 4 | 5 16 4 |
| Sale " - - | St. Anne's Ch. of E. | 52 | 34 | 20 | 3 | 1 | — | — | — | — | — | 24 | 2 9 0 | 0 2 3 | 2 11 3 |
| " - - | Township S. - | 60 | 38 | 26 | 11 | 1 | — | — | 4 | — | — | 38 | 2 11 0 | 0 2 2 | 3 13 3 |
| Sandbach - | Wes. S. - - | 78 | 50 | 15 | 5 | 7 | — | — | — | — | — | 21 | 2 8 0 | 0 2 2 | 2 10 2 |
| Seacombe - | N. S. - - | 120 | 103 | 54 | 15 | 4 | 3 | 1 | — | 2 | — | 73 | 6 16 0 | 0 8 6 | 7 4 6 |
| " - - | Miss. S. - - | 108 | 101 | 53 | 10 | 6 | — | — | — | — | — | 73 | 6 11 0 | 1 2 3 | 7 13 3 |
| Stalybridge - | Castle Hall N. S. | 132 | 92 | 53 | 22 | 2 | 1 | — | 4 | 2 | — | 77 | 5 13 0 | 5 1 0 | 12 14 0 |
| " - - | Canal Street Wes. S. | 160 | 170 | 73 | 10 | 2 | — | — | 4 | 1 | — | 85 | 6 9 0 | 0 4 4 | 6 13 4 |
| Stockport - | Brentnall St. Wes. S. | 240 | 163 | 67 | 34 | 21 | — | — | 10 | 2 | 1 | 122 | 12 8 0 | 2 16 6 | 15 4 6 |
| " - - | Gt. Moor Ch. of E. S. | 25 | 19 | 3 | 1 | — | — | — | — | — | — | 23 | 2 8 0 | 0 2 2 | 2 10 2 |
| " - - | Portwood Wes. S. | 170 | 147 | 90 | 18 | 8 | — | — | 14 | 4 | — | 116 | 10 10 0 | 0 17 6 | 11 7 6 |
| " - - | St. Thomas' N. S. | 120 | 98 | 59 | 16 | 3 | — | — | 3 | 3 | — | 78 | 7 10 0 | 0 6 6 | 7 16 6 |
| " - - | Wellington Rd. B. S. | 130 | 68 | 32 | 6 | 2 | — | — | 1 | — | — | 40 | 3 10 0 | 0 4 2 | 3 14 2 |
| " - - | N. S. - - | 117 | 89 | 39 | 17 | 3 | — | — | 2 | — | — | 109 | 9 2 0 | 0 6 6 | 9 8 6 |
| Stockton Heath - | Ch. of E. S. - | 94 | 80 | 29 | 12 | 2 | — | — | 2 | 1 | — | 48 | 5 4 0 | 0 15 7 | 5 19 7 |
| Tarporley - - | N. S. - - - | 42 | 26 | 15 | 5 | 2 | — | — | 2 | — | — | 22 | 2 11 0 | 0 4 5 | 2 15 5 |
| Tattenhall - - | B. S. - - - | 60 | 57 | 23 | 7 | — | — | — | — | — | — | 30 | 2 17 0 | Nil. | 2 17 0 |
| Tranmere - - | St. Catharine's S. | 122 | 95 | 61 | 21 | 2 | — | — | — | — | — | 84 | 6 9 0 | 0 4 4 | 6 13 4 |
| Weaverham - | Par. S. - - | 22 | 21 | 11 | 7 | 3 | — | — | 2 | — | — | 27 | 4 4 0 | 0 6 5 | 4 10 5 |
| Wilmslow - - | N. S. - - - | 94 | 68 | 38 | 7 | 3 | — | — | — | — | — | 48 | 4 1 0 | 0 6 6 | 4 7 6 |
| | CORNWALL. | | | | | | | | | | | | | | |
| Bodmin - - | N. S. - - - | 182 | 131 | 17 | 5 | 1 | — | — | 6 | 1 | — | 23 | 3 0 0 | 0 2 2 | 3 2 2 |
| Budock - - | N. S. - - - | 48 | 30 | 14 | 6 | 3 | — | — | 1 | 1 | — | 23 | 3 5 0 | 0 6 8 | 3 11 8 |
| Callington - | N. S. - - - | 43 | 43 | 27 | 5 | 2 | — | — | — | — | — | 34 | 3 13 0 | 0 4 5 | 3 17 5 |
| " - - | Wes. S. - - | 94 | 68 | 13 | 2 | — | 3 | — | — | — | — | 15 | 0 17 0 | Nil. | 0 17 0 |
| Calstock - - | N. S. - - - | 66 | 59 | 22 | 3 | 3 | — | — | 2 | 1 | 1 | 24 | 2 11 0 | 0 16 5 | 3 7 5 |
| Camelford - | N. S. - - - | 113 | 43 | 30 | 3 | 1 | — | — | 2 | — | — | 39 | 3 9 0 | 0 2 2 | 3 11 2 |
| Constantine - | N. S. - - - | 39 | 14 | 7 | 4 | 3 | — | — | 1 | 1 | — | 14 | 1 14 0 | 0 6 6 | 2 0 6 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Falmouth | Boys' B. S. | 164 | 108 | 56 | 23 | 5 | — | — | 84 | 8 | 3 | 1 | 4 | 10 7 0 | 1 3 7 | 11 10 7 |
| " | Girls' B. S. | 62 | 35 | 11 | 4 | 2 | — | — | 17 | 6 | 1 | — | 1 | 1 15 0 | 0 4 4 | 1 19 4 |
| " | N. S. | 140 | 108 | 53 | 19 | 10 | — | — | 32 | 2 | — | — | — | 7 1 0 | 1 1 10 | 8 2 10 |
| Gunnislake | Bd. S. | 40 | 21 | 10 | — | — | — | — | — | — | — | — | — | Nil. | 0 2 2 | 0 2 2 |
| Gwinear | Wall Wes. S. | 107 | 52 | 24 | 16 | 4 | — | — | 44 | 1 | — | 1 | 1 | 5 8 0 | 0 18 10 | 6 6 10 |
| Hayle | Copperhouse Wes. S. | 50 | 31 | 17 | 5 | 3 | — | — | 25 | 4 | 1 | — | — | 2 16 0 | 0 6 6 | 3 2 6 |
| Helston | N. S. | 56 | 46 | 24 | 11 | 4 | — | — | 39 | 3 | 2 | — | — | 3 18 0 | 0 8 9 | 4 6 9 |
| " | Wes. S. | 110 | 54 | 16 | 9 | 3 | — | — | 28 | 2 | — | — | — | 3 3 0 | 0 6 6 | 3 9 6 |
| Illogan | Carnkie Boys' Bd. S. | 80 | 66 | 27 | 11 | 2 | — | — | 40 | 1 | — | — | — | 3 15 0 | 0 4 4 | 3 19 4 |
| " | " Girls' Bd. S. | 72 | 62 | 33 | 3 | — | — | — | 36 | 2 | 1 | — | 1 | 3 9 0 | Nil. | 3 9 0 |
| Lanivet | End. S. | 40 | 24 | 10 | 9 | 4 | — | — | 23 | 1 | — | — | — | 3 0 0 | 0 8 9 | 3 8 9 |
| Launceston | N. S. | 40 | 35 | 15 | 1 | — | — | — | 16 | — | — | — | — | 0 17 0 | Nil. | 0 17 0 |
| Newlyn, West | Wes. S. | 143 | 78 | 30 | 4 | 4 | — | — | 38 | 4 | 1 | — | 1 | 4 0 0 | 0 8 9 | 4 8 9 |
| Padstow | Boys' Bd. S. | 100 | 81 | 36 | 7 | 3 | — | — | 46 | 1 | — | 1 | 1 | 4 9 0 | 1 1 10 | 5 10 10 |
| Pendeen | N. S. | 69 | 46 | 26 | 8 | 7 | 1 | 1 | 41 | 6 | 4 | — | — | 4 3 0 | 1 5 7 | 5 8 7 |
| Penryn | Wes. S. | 110 | 79 | 30 | 7 | — | — | — | 37 | — | — | — | — | 3 4 0 | 0 8 4 | 3 12 4 |
| Penzance | N. S. | 149 | 142 | 64 | 27 | 5 | — | — | 96 | — | — | — | — | 7 13 0 | 0 11 0 | 8 4 0 |
| " | Wes. S. | 112 | 98 | 56 | 20 | 10 | — | — | 86 | 2 | — | — | — | 7 6 0 | 1 2 6 | 8 8 6 |
| Pool | Boys' Bd. S. | 120 | 102 | 46 | 14 | 5 | — | — | 65 | 5 | — | 1 | 1 | 5 19 0 | 0 14 1 | 6 13 1 |
| " | Girls' Bd. S. | 100 | 71 | 32 | 11 | 2 | — | — | 45 | — | — | — | — | 4 0 0 | 0 4 4 | 4 4 4 |
| Porthleven | Wes. S. | 107 | 80 | 17 | 3 | 1 | — | — | 21 | — | — | — | — | 2 6 0 | 0 2 2 | 2 8 2 |
| Redruth | Wes. S. | 200 | 96 | 58 | 10 | 5 | — | — | 73 | 5 | 1 | — | 1 | 7 3 0 | 0 10 9 | 7 13 9 |
| St. Austell | Central Bd. S. | 160 | 115 | 47 | 16 | 8 | — | — | 71 | — | — | — | — | 6 3 0 | 0 17 7 | 7 0 7 |
| St. Just | Wes. S. | 54 | 44 | 14 | 19 | 4 | — | — | 37 | 2 | 1 | — | — | 4 4 0 | 0 4 6 | 4 8 6 |
| Saltash | Bd. S. | 180 | 75 | 35 | 6 | 4 | 1 | — | 46 | 2 | 1 | — | 1 | 4 14 0 | 0 9 5 | 5 3 5 |
| Sancreed | N. S. | 40 | 28 | 16 | 2 | 1 | — | — | 19 | 1 | 1 | — | 1 | 2 13 0 | 0 2 0 | 2 15 0 |
| Scilly Isles | Carn Thomas, St. Mary's N. S. | 41 | 28 | 15 | 14 | 6 | — | — | 35 | 2 | 1 | 1 | 2 | 5 1 0 | 4 12 5 | 9 13 5 |
| Torpoint | Ch. of E. S. | 130 | 107 | 33 | 10 | 5 | — | — | 48 | 2 | — | — | — | 4 8 0 | 0 11 0 | 4 19 0 |
| Truro | Fairmantle Street N. S. | 100 | 71 | 42 | 18 | 5 | — | — | 65 | 2 | — | 1 | 1 | 6 3 0 | 0 15 0 | 6 18 0 |
| " | Kenwyn Street B. S. | 166 | 137 | 49 | 21 | 4 | 1 | — | 75 | 9 | 2 | 2 | 4 | 8 18 0 | 1 7 11 | 10 5 11 |
| " | St. Mary's (Union Pl.) Wes. S. | 40 | 24 | 14 | 4 | 2 | — | — | 20 | 2 | — | 1 | — | 2 8 0 | 0 9 5 | 2 17 5 |
| CUMBERLAND. | | | | | | | | | | | | | | | | |
| Addingham | S. | 58 | 30 | 18 | 5 | 2 | — | — | 25 | — | — | — | — | 14 0 | 0 4 5 | 2 18 5 |
| Carlisle | Ch. Ch. N. S. | 250 | 208 | 104 | 47 | 35 | 2 | — | 188 | 15 | 5 | — | 5 | 19 13 0 | 3 16 11 | 23 9 11 |
| " | Holme Head Wks. B.S. | 184 | 144 | 83 | 21 | 9 | — | 1 | 114 | 4 | 3 | 1 | 4 | 11 7 0 | 2 0 3 | 13 7 3 |
| " | St. Stephen's S. | 45 | 43 | 33 | 5 | 1 | — | — | 39 | — | — | — | — | 3 6 0 | 0 2 2 | 3 8 2 |
| " | Shaddongate Bd. S. | 208 | 99 | 60 | 17 | 5 | — | — | 82 | 3 | — | — | — | 6 9 0 | 0 10 11 | 6 19 11 |
| Dearham | Bd. S. | 45 | 33 | 15 | 14 | 4 | — | — | 33 | 2 | — | — | — | 3 15 0 | 0 8 8 | 4 3 8 |
| Egremont | B. S. | 120 | 82 | 48 | 22 | 4 | — | — | 72 | 1 | — | — | — | 6 0 0 | 0 8 6 | 6 8 6 |
| Hensingham | N. S. | 150 | 81 | 51 | 14 | 7 | 1 | — | 73 | 1 | — | 1 | 1 | 6 15 0 | 1 5 7 | 8 0 7 |
| Kirkoswald | N. S. | 70 | 52 | 23 | 7 | 4 | — | — | 34 | 2 | 1 | — | 1 | 4 9 0 | 0 8 6 | 4 17 6 |
| Maryport | N. S. | 80 | 58 | 34 | 13 | — | — | — | 47 | 10 | 1 | — | 1 | 4 10 0 | Nil. | 4 10 0 |
| Millom | Par. S | 96 | 49 | 17 | 4 | 1 | — | — | 22 | 1 | — | — | — | 2 7 0 | 0 2 2 | 2 9 2 |

Appendix C.

DRAWING IN ELEMENTARY DAY SCHOOLS.

## Instruction in Drawing in Elementary Day Schools—*continued.*

| Town. | Name of School. | Total No. of Children learning. | No. examined in 1st and 2nd Grades. | No. satisfactorily taught, 1st Grade. | No. showing proficiency, 1st Grade. | No. who excelled and obtained Prizes, 1st Grade. | No. of Children who passed in 2nd Grade. | No. of Children who obtained Prizes in 2nd Grade. | No. of Children on whom Payments were made. | No. of Pupil-teachers and paid Monitors examined. | No. of Pupil-teachers and paid Monitors passed. | No. of Pupil-teachers and paid Monitors who obtained Prizes. | No. of Pupil-teachers and paid Monitors on whom Payments were made. | Amount of Payments made to the School on account of Drawing. | Cost of Prizes and Examples. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | £ s. d. | £ s. d. | £ s. d. |
| Millom, New - | N. S. - - | 37 | 30 | 21 | 5 | 2 | — | — | 28 | 1 | 1 | — | — | 2 17 0 | 0 4 4 | 3 1 4 |
| Penrith - | Benson Row N. S. - | 244 | 104 | 68 | 20 | 6 | — | — | 94 | — | — | — | — | 7 6 0 | 0 12 9 | 7 18 9 |
| ,, - | Castle Gate B. S. - | 58 | 58 | 37 | 8 | 4 | — | — | 47 | 2 | — | — | — | 4 0 0 | 0 8 6 | 4 8 6 |
| ,, - | Meeting House Lane Wes. S. | 120 | 91 | 43 | 10 | 2 | — | — | 55 | 4 | 1 | — | 1 | 4 19 0 | 0 4 4 | 5 3 4 |
| Ravenglass - | Muncaster S. - | 44 | 44 | 19 | 4 | 3 | — | — | 25 | — | — | — | — | 2 16 6 | 0 6 6 | 3 2 6 |
| Warwick Bridge | B. S. - - | 40 | 29 | 20 | 3 | 3 | — | — | 25 | — | — | — | — | 2 12 0 | 0 4 4 | 2 16 4 |
| Westnewton - | St. Matthew's S. | 39 | 39 | 18 | 6 | 1 | — | — | 25 | — | — | — | — | 2 13 0 | 0 2 2 | 2 15 2 |
| Whitehaven - | Holy Trin. N. S. | 150 | 98 | 62 | 19 | 6 | — | — | 87 | 9 | 1 | — | 1 | 7 8 0 | 0 13 0 | 8 1 0 |
| ,, - | St. Nicholas' S. | 32 | 23 | 17 | 4 | — | — | — | 21 | 2 | — | — | — | 2 5 0 | 4 0 9 | 6 5 9 |
| Workington - | Ch. of E. S. - | 36 | 34 | 19 | 7 | 3 | — | — | 29 | — | — | — | — | 3 2 0 | 0 6 6 | 3 8 6 |
| DERBYSHIRE. | | | | | | | | | | | | | | | | |
| Allestree - | Ch. of E. S. - | 49 | 33 | 16 | 2 | 4 | — | — | 22 | 2 | 2 | — | 2 | 3 12 0 | 0 8 9 | 4 0 9 |
| Ashburne - | N. S. - - | 51 | 51 | 24 | 13 | 2 | — | — | 39 | — | — | — | — | 3 16 0 | 0 4 5 | 4 0 5 |
| Blackwell - | N. S. - - | 90 | 66 | 21 | 1 | — | — | — | 22 | — | — | — | — | 2 3 0 | Nil. | 2 3 0 |
| Bradwell - | St. Barnabas' N. S. | 20 | 15 | 8 | 3 | 1 | — | — | 12 | — | 1 | — | — | 0 17 0 | 0 2 2 | 0 19 2 |
| Brassington - | Pub. S. - - | 36 | 30 | 24 | 4 | 2 | — | — | 30 | 1 | 2 | — | — | 2 18 0 | 0 4 4 | 3 2 4 |
| Castleton - | Ch. of E. S. - | 40 | 31 | 20 | 7 | 3 | — | — | 30 | 1 | — | — | — | 3 13 0 | 0 6 6 | 3 19 6 |
| Chapel-en-le-Frith - | Chimley Wes. S. | 47 | 38 | 17 | 4 | 2 | — | — | 25 | — | 1 | — | 1 | 2 17 0 | 0 8 8 | 3 5 8 |
| ,, - | Town End Wes. S. | 32 | 30 | 15 | 11 | 2 | — | — | 28 | 1 | — | — | — | 3 3 0 | 0 4 4 | 3 7 4 |
| Chesterfield - | Ch. Ch. N. S. - | 90 | 75 | 45 | 10 | 3 | — | — | 58 | — | — | — | — | 4 14 0 | 0 6 6 | 5 0 6 |
| ,, - | Hipper St. Boys' Bd. S. | 100 | 80 | 51 | 12 | 5 | — | — | 68 | — | — | — | — | 5 10 0 | 0 10 10 | 6 0 10 |
| ,, - | St. Helen's St. Boys' Bd. S. | 190 | 95 | 54 | 22 | 10 | — | — | 86 | — | — | — | — | 7 8 0 | 1 2 2 | 8 10 2 |
| ,, - | St. Thomas' (Brampton) N. S. | 120 | 78 | 33 | 14 | 7 | — | — | 50 | 1 | — | 1 | — | 4 14 0 | 1 4 10 | 5 18 10 |
| Clay Cross - | Trinity N. S. - | 80 | 47 | 25 | 4 | 2 | — | — | 31 | 2 | — | — | — | 2 19 0 | 0 4 4 | 3 3 4 |
| ,, - | Iron Wks. S. - | 305 | 174 | 115 | 41 | 6 | — | — | 162 | 13 | 1 | 1 | 2 | 12 15 0 | 1 3 5 | 13 18 5 |
| ,, - | St. Bartholomew's Par. S. | 14 | 10 | 7 | 1 | — | — | — | 8 | — | — | — | — | 0 9 0 | Nil. | 0 9 0 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Codnor and Loscoe | N. S. | 151 | 60 | 34 | 15 | 6 | — | — | 55 | — | — | — | — | 5 2 0 | 0 13 2 | 5 15 2 |
| Derby | All Saints S. | 47 | 39 | 22 | 8 | 5 | — | — | 35 | 2 | 2 | — | 2 | 4 13 0 | 0 10 10 | 5 3 10 |
| „ | Canal St. Wes. S. | 330 | 270 | 138 | 40 | 26 | 5 | 2 | 211 | 9 | 2 | 1 | 3 | 20 11 0 | 5 8 8 | 25 19 8 |
| „ | Ch. Ch. N. S. | 130 | 100 | 43 | 18 | 5 | — | — | 66 | — | — | — | — | 5 14 0 | 0 10 10 | 6 4 10 |
| „ | Curzon Street N. S. | 175 | 151 | 75 | 29 | 26 | 3 | 2 | 135 | 5 | — | 2 | 2 | 13 16 0 | 4 17 10 | 18 13 10 |
| „ | Devonshire St. Bd. S. | 60 | 59 | 30 | 12 | 4 | — | — | 46 | — | — | — | — | 4 6 0 | 0 8 8 | 4 14 8 |
| „ | Gerard St. Boys' Bd. S. | 200 | 128 | 54 | 24 | 9 | — | — | 87 | — | — | — | — | 7 9 0 | 0 19 6 | 8 8 6 |
| „ | Gerard St. Girls' Bd. S. | 150 | 89 | 48 | 6 | 1 | — | — | 55 | 5 | — | — | — | 3 3 0 | 0 2 2 | 3 5 2 |
| „ | King Street Wes. S. | 250 | 205 | 115 | 26 | 17 | 3 | 3 | 164 | 8 | 1 | — | 1 | 13 18 0 | 3 1 4 | 16 19 4 |
| „ | Mission Hall Bd. S. | 160 | 150 | 79 | 10 | 5 | — | — | 94 | — | — | — | — | 6 14 0 | 0 10 10 | 7 4 10 |
| „ | Nun Street Bd. S. | 50 | 39 | 32 | 4 | 1 | — | — | 37 | — | — | — | — | 3 3 0 | 0 2 2 | 3 5 2 |
| „ | Orchard St. B. S. | 220 | 196 | 126 | 49 | 15 | 2 | 2 | 194 | 9 | 3 | 1 | 4 | 17 9 0 | 3 3 2 | 20 12 2 |
| „ | Parliament St. Wes. S. | 71 | 65 | 25 | 11 | 6 | — | — | 42 | 4 | — | 1 | 1 | 4 15 0 | 3 1 10 | 7 16 10 |
| „ | Pract. S. | 119 | 74 | 38 | 16 | 5 | — | — | 59 | 2 | — | — | — | 5 5 0 | 0 10 6 | 5 15 6 |
| „ | St. Alkmund's N. S. | 64 | 43 | 33 | 6 | — | — | — | 39 | 3 | 1 | — | 1 | 3 15 0 | Nil. | 3 15 0 |
| „ | St. Andrew's N. S. | 420 | 347 | 202 | 65 | 25 | — | — | 292 | — | 2 | — | 2 | 21 17 0 | 3 9 4 | 25 6 4 |
| „ | St. Anne's S. | 50 | 40 | 31 | 5 | 3 | — | — | 39 | 6 | 1 | — | 1 | 4 0 0 | 0 6 6 | 4 6 6 |
| „ | St. Paul's N. S. | 25 | 15 | 4 | 6 | 5 | — | — | 15 | 1 | — | — | — | 1 11 0 | 0 10 10 | 2 1 10 |
| „ | Trinity N. S. | 256 | 162 | 112 | 17 | 6 | — | — | 135 | 7 | 4 | 1 | 5 | 12 4 0 | 1 1 11 | 13 5 11 |
| Eckington | Bd. S. | 300 | 177 | 58 | 10 | 8 | — | — | 76 | — | — | — | — | 6 2 0 | 0 17 8 | 6 19 8 |
| Hayfield | N. S. | 40 | 30 | 17 | 4 | 2 | — | — | 23 | — | — | — | — | 2 11 0 | 0 4 4 | 2 15 4 |
| Ilkeston | B. S. | 77 | 61 | 45 | 5 | 2 | — | — | 52 | — | — | — | — | 4 1 0 | 0 4 4 | 4 5 4 |
| Linton | Wes. S. | 40 | 28 | 15 | 2 | — | — | — | 17 | 1 | — | — | — | 0 19 0 | Nil. | 0 19 0 |
| Marsh Lane | Bd. S. | 45 | 51 | 22 | 2 | 2 | — | — | 26 | — | — | — | — | 2 12 0 | 0 4 5 | 2 16 5 |
| Milford | B. S. | 205 | 186 | 105 | 44 | 25 | — | — | 174 | — | — | — | — | 14 8 0 | 2 12 7 | 17 0 7 |
| Normanton (South) | N. S. | 80 | 60 | 36 | 13 | 3 | — | — | 52 | 3 | — | — | — | 4 11 0 | 0 6 6 | 4 17 6 |
| Renishaw | Bd. S. | 70 | 28 | 23 | 3 | — | — | — | 26 | — | — | — | — | 2 9 0 | Nil. | 2 9 0 |
| Ridgeway | Bd. S. | 106 | 104 | 61 | 15 | 4 | — | — | 80 | — | — | — | — | 6 3 0 | 0 8 6 | 6 11 6 |
| Ripley | N. S. | 120 | 66 | 42 | 22 | 7 | — | — | 71 | 4 | 1 | — | — | 6 7 0 | 0 15 3 | 7 2 3 |
| Staveley | Works S. | 260 | 165 | 134 | 18 | 6 | — | — | 158 | — | — | — | — | 10 8 0 | 0 13 4 | 11 1 4 |
| Tideswell | N. S. | 130 | 84 | 28 | 12 | 5 | — | — | 45 | — | — | — | — | 4 7 0 | 0 11 3 | 4 18 3 |
| Whaleybridge | Wes. S. | 33 | 25 | 12 | 5 | 1 | — | — | 18 | 3 | 1 | — | 1 | 2 5 0 | 0 2 2 | 2 7 2 |
| Wirksworth | B. S. | 90 | 75 | 37 | 13 | 4 | — | — | 54 | 3 | — | — | — | 4 15 0 | 0 8 8 | 5 3 8 |
| DEVONSHIRE. | | | | | | | | | | | | | | | | |
| Appledore | Chapel Green N. S. | 70 | 36 | 9 | 4 | 2 | — | — | 15 | 2 | — | — | — | 1 3 0 | 0 4 4 | 1 7 4 |
| „ | Richmond Terrace Wes. S. | 34 | 27 | 13 | 11 | 1 | — | — | 25 | — | — | — | — | 2 18 0 | 0 2 2 | 3 0 2 |
| Barnstaple | Blue Coat S. | 40 | 33 | 16 | 9 | — | — | — | 25 | 1 | — | — | — | 2 14 0 | Nil. | 2 14 0 |
| „ | Wes. S. | 120 | 101 | 52 | 26 | 12 | — | — | 90 | — | — | — | — | 8 0 0 | 1 6 6 | 9 6 6 |
| Bideford | Lower Bd. S. | 110 | 83 | 42 | 5 | 3 | — | — | 50 | — | — | — | — | 4 1 0 | 0 6 6 | 4 7 6 |
| Combe Martin | N. S. | 65 | 36 | 22 | 6 | 3 | — | — | 31 | 2 | 2 | — | 2 | 5 3 0 | 0 6 6 | 5 9 6 |
| Dartmouth | Newcomin Road Bd. S. | 50 | 32 | 18 | 5 | 3 | — | — | 26 | 1 | — | — | — | 2 17 0 | 0 6 6 | 3 3 6 |
| Devonport | B. S. | 220 | 194 | 96 | 26 | 14 | 1 | — | 137 | 11 | 2 | — | 2 | 11 15 0 | 2 14 6 | 14 9 6 |
| „ | Cherry Garden Street Bd. S. | 124 | 66 | 43 | 4 | 1 | — | — | 48 | 3 | 1 | 1 | 2 | 4 14 0 | 0 12 8 | 5 6 8 |

Appendix C.

DRAWING IN ELEMENTARY DAY SCHOOLS.

## Instruction in Drawing in Elementary Day Schools—*continued.*

| Town. | Name of School. | Total No. of Children taught Drawing. | No. examined in 1st and 2nd Grades. | No. satisfactorily taught, 1st Grade. | No. showing proficiency, 1st Grade. | No. who excelled and obtained Prizes, 1st Grade. | No. of Children who passed in 2nd Grade. | No. of Children who obtained Prizes in 2nd Grade. | No. of Children on whom Payments were made. | No. of Pupil-teachers and paid Monitors examined. | No. of Pupil-teachers and paid Monitors passed. | No. of Pupil-teachers and paid Monitors who obtained Prizes. | No. of Pupil-teachers and paid Monitors to whom Payments were made. | Amount of Payments made to the School on account of Drawing. | Cost of Prizes and Examples. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | £ s. d. | £ s. d. | £ s. d. |
| Devonport | Ford Bd. S. | 193 | 156 | 70 | 16 | 7 | 1 | — | 94 | 19 | 3 | 2 | 5 | 9 18 0 | 1 9 2 | 11 7 2 |
| ,, | Morice Town Bd. S. | 277 | 91 | 60 | 13 | 1 | — | — | 74 | 6 | — | — | — | 5 9 0 | 0 2 2 | 5 11 2 |
| ,, | Royal Naval and Military Free S. | 384 | 304 | 120 | 69 | 19 | 3 | 1 | 212 | 11 | 4 | 1 | 5 | 20 5 0 | 2 16 5 | 23 1 5 |
| ,, | St. James' S. | 200 | 120 | 52 | 22 | 21 | — | — | 95 | — | — | — | — | 8 19 0 | 2 5 3 | 11 4 3 |
| ,, | St. John's Street N. S. | 180 | 127 | 66 | 32 | 15 | — | — | 113 | 5 | 3 | — | 3 | 11 5 0 | 1 12 8 | 12 17 8 |
| ,, | St. Mary's Boys' S. | 240 | 161 | 94 | 26 | 13 | 1 | — | 129 | — | — | — | — | 9 17 0 | 1 8 6 | 11 5 6 |
| ,, | Stoke Bd. S. | 58 | 42 | 19 | 12 | 3 | — | — | 34 | 5 | 1 | — | 1 | 4 2 0 | 0 6 4 | 4 8 4 |
| ,, | Stoke Pub. S. | 280 | 185 | 66 | 63 | 40 | 4 | 6 | 179 | 10 | 5 | 3 | 8 | 23 12 0 | 8 14 4 | 32 6 4 |
| Dolton | N. S. | 27 | 27 | 21 | 6 | — | — | — | 27 | — | — | — | — | 2 13 0 | 0 10 6 | 3 3 6 |
| Exeter | Central S. | 180 | 64 | 35 | 14 | 12 | — | — | 61 | 1 | — | — | — | 2 19 0 | 1 6 4 | 7 5 4 |
| ,, | Episc. Char. S. | 145 | 62 | 49 | 15 | 2 | — | — | 51 | 2 | 1 | — | 1 | 5 0 0 | 0 4 2 | 5 4 2 |
| ,, | Hele's Boys' S. | 200 | 95 | 49 | 22 | 11 | — | — | 82 | — | — | — | — | 7 6 0 | 1 3 8 | 8 9 8 |
| ,, | Mint Lane Wes. S. | 120 | 80 | 38 | 17 | 14 | 1 | — | 69 | 1 | — | — | 1 | 7 4 0 | 2 0 8 | 9 4 8 |
| ,, | Paris Street S. | 75 | 64 | 25 | 14 | 9 | — | — | 49 | — | — | — | — | 5 5 0 | 0 19 4 | 6 4 4 |
| ,, | Prac. S. | 184 | 125 | 68 | 31 | 13 | — | — | 112 | — | — | — | — | 9 9 0 | 1 8 3 | 10 17 3 |
| ,, | St. David's S. | 72 | 58 | 29 | 14 | 5 | — | — | 48 | 5 | 1 | — | 1 | 5 12 0 | 0 10 9 | 6 2 9 |
| ,, | St. John's Hospital S. | 120 | 109 | 13 | 44 | 4 | 2 | — | 107 | — | — | — | — | 14 3 0 | 5 15 9 | 19 18 9 |
| ,, | St. Sidwell's Par. S. | 200 | 119 | 70 | 22 | 4 | — | — | 99 | 4 | 2 | — | — | 7 15 0 | 2 13 8 | 10 8 8 |
| Hatherleigh | N. S. | 45 | 38 | 17 | 10 | 4 | — | — | 31 | — | — | — | — | 3 9 0 | 0 8 11 | 3 17 11 |
| Holsworthy | Wes. S. | 60 | 55 | 27 | 7 | 3 | — | — | 37 | 1 | — | — | — | 3 10 0 | 0 5 5 | 3 15 5 |
| Ippleper | Bd. S. | 60 | 35 | 15 | 3 | 1 | — | — | 19 | — | — | — | — | 1 4 0 | 0 2 2 | 1 6 2 |
| Kingsbridge | B. S. | 45 | 43 | 27 | 3 | 2 | — | — | 32 | 2 | — | — | — | 2 19 0 | 0 4 4 | 3 3 4 |
| Lifton | N. S. | 40 | 20 | 12 | 5 | 2 | — | — | 19 | 1 | 1 | — | 1 | 2 18 0 | 0 4 4 | 3 2 4 |
| Lynton | B. S. | 36 | 13 | 6 | 6 | 2 | — | — | 14 | 1 | 1 | — | — | 1 4 0 | 0 4 4 | 1 8 4 |
| Molton, South | Wes. S. | 42 | 26 | 8 | 4 | 1 | — | — | 13 | — | — | — | — | 0 19 0 | 0 2 2 | 1 1 2 |
| Morchard Bishop | Ch. of E. S. | 52 | 25 | 10 | 6 | 3 | — | — | 19 | — | — | — | — | 1 11 0 | 0 6 6 | 1 17 6 |
| Northam | N. S. | 70 | 53 | 31 | 10 | 4 | — | — | 45 | — | — | — | — | 4 3 0 | 0 8 8 | 4 11 8 |
| Parkham | Pub. S. | 44 | 35 | 14 | 4 | — | — | — | 18 | — | — | — | — | 1 2 0 | 4 0 11 | 5 2 11 |
| Plymouth | Charles N. S. | 250 | 139 | 54 | 21 | 2 | — | — | 77 | 7 | 4 | — | — | 6 2 0 | 0 4 0 | 6 6 0 |
| ,, | Ch. Ch. N. S. | 120 | 60 | 26 | 12 | 3 | — | — | — | 5 | 1 | — | — | 1 0 0 | 0 6 6 | 1 6 6 |

| | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| „ - - | Egg Buckland N. S. - | 45 | 40 | 16 | 4 | 1 | — | — | 21 | 1 | 1 | — | 1 | 2 | 17 | 0 | 0 | 2 | 2 | 2 | 19 | 2 |
| „ - - | George Street S. - | 150 | 123 | 63 | 30 | 13 | — | 1 | 107 | 7 | 3 | — | 3 | 11 | 7 | 0 | 1 | 19 | 9 | 13 | 6 | 9 |
| „ - - | Grey S. - - | 65 | 48 | 22 | 8 | 2 | — | — | 32 | — | — | — | — | 3 | 4 | 0 | 0 | 4 | 2 | 3 | 8 | 2 |
| - - - | Pub. Free S. - - | 700 | 593 | 369 | 124 | 45 | 4 | 2 | 544 | — | — | — | — | 40 | 2 | 0 | 5 | 18 | 0 | 46 | 0 | 0 |
| „ - - | St. Andrew's Chapel S., Lockyer Street. | 60 | 59 | 27 | 6 | 1 | — | — | 34 | — | — | — | — | 3 | 2 | 0 | 0 | 2 | 0 | 3 | 4 | 0 |
| „ - - | St. Andrew's Ch. S., Princess Street. | 190 | 121 | 53 | 10 | — | — | — | 63 | — | — | — | — | 4 | 13 | 0 | Nil. | | | 4 | 13 | 0 |
| „ - - | St. Peter's Ch. of E. S. | 209 | 157 | 90 | 12 | 4 | — | — | 106 | 5 | 1 | — | 1 | 7 | 16 | 0 | 0 | 8 | 8 | 8 | 4 | 8 |
| „ - - | Trinity N. S. - - | 150 | 89 | 36 | 4 | 5 | — | — | 45 | — | — | — | — | 3 | 19 | 0 | 0 | 10 | 11 | 4 | 9 | 11 |
| Plympton - - | St. Maurice N. S. - | 24 | 20 | 14 | 4 | 1 | — | — | 19 | 3 | — | — | — | 1 | 5 | 0 | 0 | 2 | 2 | 1 | 7 | 2 |
| Prince Town - | N. S. (Prison Officers) | 43 | 41 | 21 | 11 | 1 | — | — | 32 | 1 | — | — | — | 3 | 4 | 0 | 0 | 2 | 3 | 3 | 6 | 3 |
| St. Thomas - - | Bd. S. - - - | 123 | 93 | 56 | 21 | 7 | — | — | 84 | — | — | — | — | 6 | 19 | 0 | 0 | 15 | 2 | 7 | 14 | 2 |
| Seaton - - | Trevelyan's S. - | 68 | 50 | 10 | 10 | 12 | 4 | — | 36 | 3 | — | — | — | 5 | 6 | 0 | 0 | 8 | 11 | 5 | 14 | 11 |
| Sheepwash - - | N. S. - - - | 45 | 36 | 28 | 4 | 1 | — | — | 33 | 1 | 1 | — | — | 2 | 19 | 0 | 0 | 2 | 2 | 3 | 1 | 2 |
| Sutton-on-Plym | N. S. - - - | 82 | 71 | 30 | 2 | — | — | — | 32 | — | — | — | — | 2 | 14 | 0 | Nil. | | | 2 | 14 | 0 |
| Tavistock - - | Gulworthy S. - - | 96 | 76 | 34 | 15 | 6 | 1 | — | 56 | 5 | 1 | — | 1 | 5 | 17 | 0 | 0 | 12 | 10 | 6 | 9 | 10 |
| „ - - | Plymouth Road Bd. S. | 139 | 72 | 29 | 13 | 2 | — | — | 44 | 4 | 2 | — | — | 4 | 1 | 0 | 0 | 4 | 5 | 4 | 5 | 5 |
| Torquay - - | Abbey Road B. S. - | 180 | 145 | 80 | 33 | 18 | 1 | — | 132 | 4 | 1 | — | 1 | 11 | 15 | 0 | 1 | 9 | 3 | 13 | 4 | 3 |
| „ - - | Torwood Trinity Trust S. | 30 | 19 | 9 | 4 | 1 | — | — | 14 | — | — | — | — | 1 | 0 | 0 | 0 | 2 | 2 | 1 | 2 | 2 |
| Torrington, Great - | Blue Coat and Ch. of E. S. | 85 | 66 | 52 | 11 | 1 | — | — | 64 | 1 | — | — | — | 5 | 7 | 0 | 0 | 2 | 2 | 5 | 9 | 2 |
| Totnes - - | Grove Bd. S. - - | 50 | 40 | 23 | 3 | 4 | — | — | 30 | — | — | — | — | 3 | 1 | 0 | 0 | 8 | 8 | 3 | 9 | 8 |
| DORSETSHIRE. | | | | | | | | | | | | | | | | | | | | | | |
| Blandford - - | B. S. - - - | 100 | 64 | 25 | 7 | 2 | — | — | 34 | 2 | — | — | — | 3 | 5 | 0 | 0 | 4 | 4 | 3 | 9 | 4 |
| Bridport - - | General S. - - | 200 | 144 | 79 | 26 | 6 | — | — | 111 | — | — | — | — | 8 | 9 | 0 | 0 | 13 | 3 | 9 | 2 | 3 |
| Lyme Regis - | N. S. - - - | 45 | 37 | 27 | 5 | 1 | — | — | 33 | 1 | — | 1 | 1 | 3 | 10 | 0 | 0 | 12 | 8 | 4 | 2 | 8 |
| Poole - - - | Longfleet N. S. - | 116 | 60 | 33 | 8 | 3 | — | — | 44 | 2 | — | — | — | 3 | 18 | 0 | 0 | 6 | 4 | 4 | 4 | 4 |
| Puddletown - - | Ch. of E. N. S. - | 50 | 39 | 17 | 11 | 3 | — | — | 31 | 4 | — | — | — | 3 | 8 | 0 | 0 | 6 | 6 | 3 | 14 | 6 |
| Sherborne - - | Abbey N. S. - - | 100 | 76 | 24 | 30 | 18 | 2 | 1 | 75 | — | — | — | — | 8 | 13 | 0 | 2 | 9 | 7 | 11 | 2 | 7 |
| „ - - | Long Street B. S. - | 80 | 72 | 29 | 18 | 19 | 2 | — | 68 | 5 | 2 | — | 2 | 9 | 2 | 0 | 2 | 2 | 5 | 11 | 4 | 5 |
| Sturminster Newton | N. S. - - - | 73 | 63 | 30 | 16 | 2 | — | — | 48 | 4 | 1 | — | 1 | 4 | 18 | 0 | 0 | 4 | 4 | 5 | 2 | 4 |
| Wimborne Minster | N. S. - - - | 40 | 22 | 13 | 3 | — | — | — | 16 | 5 | 1 | — | 1 | 1 | 9 | 0 | Nil. | | | 1 | 9 | 0 |
| DURHAM. | | | | | | | | | | | | | | | | | | | | | | |
| Annfield Plain - | Collierley N. S. - | 130 | 106 | 53 | 21 | 5 | — | — | 79 | — | — | — | — | 6 | 10 | 0 | 0 | 10 | 11 | 7 | 0 | 11 |
| Barnard Castle - | N. S. - - - | 62 | 45 | 33 | 9 | 3 | — | — | 45 | — | — | — | — | 4 | 0 | 0 | 0 | 6 | 6 | 4 | 6 | 6 |
| „ - - | Wes. S. - - - | 184 | 136 | 65 | 25 | 9 | 5 | 2 | 106 | 1 | — | — | — | 9 | 17 | 0 | 2 | 0 | 2 | 11 | 17 | 2 |
| Bill Quay - - | Wes. S. - - - | 100 | 59 | 24 | 6 | 2 | — | — | 32 | 1 | — | — | — | 3 | 2 | 0 | 0 | 4 | 4 | 3 | 6 | 4 |
| Bishop Auckland - | Black Boy Colliery S. | 160 | 143 | 78 | 23 | 9 | 2 | — | 112 | 2 | — | 1 | 1 | 9 | 11 | 0 | 1 | 9 | 9 | 11 | 0 | 0 |
| „ - - | Escomb N. S. - - | 120 | 82 | 49 | 11 | 4 | — | — | 64 | 3 | — | — | 1 | 5 | 3 | 0 | 0 | 8 | 8 | 5 | 11 | 8 |
| „ - - | Russell Street Wes. S. | 184 | 172 | 64 | 23 | 8 | 2 | — | 97 | 3 | 1 | — | 1 | 8 | 14 | 0 | 0 | 17 | 5 | 9 | 11 | 5 |
| Black Hill - - | Ch. of E. S. - - | 68 | 56 | 40 | 11 | 1 | — | — | 52 | 1 | — | — | — | 4 | 5 | 0 | 0 | 2 | 2 | 4 | 7 | 2 |
| Blaydon-on-Tyne - | St. Cuthbert's N. S. - | 75 | 69 | 28 | 3 | 3 | — | — | 34 | 1 | — | — | — | 3 | 3 | 0 | 0 | 6 | 7 | 3 | 9 | 7 |

Appendix C.

DRAWING IN ELEMENTARY DAY SCHOOLS.

## Instruction in Drawing in Elementary Day Schools—*continued.*

| Town. | Name of School. | Total No. of Children under Drawing Instruction. | No. examined in 1st and 2nd Grades. | No. satisfactorily taught, 1st Grade. | No. showing proficiency, 1st Grade. | No. who excelled and obtained Prizes, 1st Grade. | No. of Children who passed in 2nd Grade. | No. of Children who obtained Prizes in 2nd Grade. | No. of Children on whom Payments were made. | No. of Pupil-teachers and paid Monitors examined. | No. of Pupil-teachers and paid Monitors passed. | No. of Pupil-teachers and paid Monitors who obtained Prizes. | No. of Pupil-teachers and paid Monitors on whom Payments were made. | Amount of Payments made to the School on account of Drawing. | Cost of Prizes and Examples. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | £ s. d. | £ s. d. | £ s. d. |
| Consett - | B.S. - | 207 | 140 | 77 | 14 | 4 | — | — | 95 | 5 | — | 1 | 1 | 6 17 0 | 4 15 10 | 11 12 10 |
| Crook - | Pease's West. B. S. - | 60 | 51 | 18 | 8 | 1 | — | — | 27 | 6 | 1 | — | — | 3 17 0 | 0 2 2 | 3 19 2 |
| Darlington - | Albert S. - | 110 | 96 | 54 | 24 | 8 | — | — | 86 | 5 | 1 | 1 | 2 | 8 6 0 | 1 7 0 | 9 13 0 |
| ,, - | Rondegate Wes. S. | 160 | 171 | 88 | 39 | 11 | — | — | 139 | 2 | — | — | — | 11 4 0 | 1 3 4 | 12 7 4 |
| ,, - | Railway B. S. - | 113 | 101 | 74 | 8 | 9 | — | 1 | 91 | 5 | 2 | — | 2 | 7 17 0 | 1 0 4 | 8 17 0 |
| ,, - | St. Cuthbert's N. S. - | 252 | 162 | 66 | 21 | 11 | — | — | 98 | 8 | 2 | — | 2 | 9 1 0 | 1 4 7 | 10 5 7 |
| ,, - | St. John's Ch. of E. S. | 180 | 171 | 71 | 17 | 10 | 1 | — | 99 | 6 | 1 | 1 | 2 | 9 10 0 | 2 2 4 | 11 12 4 |
| ,, - | St. Paul's Ch. of E. S. | 342 | 170 | 68 | 18 | 5 | — | — | 91 | — | — | — | — | 6 19 0 | 0 10 8 | 7 9 8 |
| ,, - | Trinity N. S. - | 85 | 65 | 30 | 14 | 3 | — | — | 49 | 2 | — | — | — | 4 13 0 | 0 10 9 | 5 3 9 |
| Dunston - | Bd. S. - | 55 | 47 | 32 | 8 | 5 | — | — | 43 | — | — | — | — | 3 17 0 | 0 6 6 | 4 3 6 |
| Durham - | Blue Coat S. - | 118 | 62 | 38 | 13 | 3 | — | — | 56 | 4 | 2 | — | 2 | 5 19 0 | 0 11 0 | 6 10 0 |
| ,, - | Boys' Model S. - | 73 | 58 | 21 | 25 | 9 | 1 | — | 56 | 1 | — | — | — | 6 3 0 | 0 18 10 | 7 1 10 |
| ,, - | Elvet (New) Wes. S.- | 90 | 38 | 22 | 10 | 4 | — | — | 36 | 1 | — | — | 1 | 4 4 0 | 0 12 8 | 4 16 8 |
| ,, - | St. Oswald's N. S. - | 110 | 83 | 47 | 12 | 2 | — | — | 60 | 2 | — | — | — | 4 14 0 | 0 2 2 | 4 16 2 |
| Easington - | N. S. - - | 80 | 64 | 13 | 9 | 1 | — | — | 24 | — | — | — | — | 2 17 0 | 0 4 4 | 3 1 4 |
| Esh - | B.S. - - | 60 | 49 | 20 | 4 | 2 | — | — | 26 | — | — | — | — | 2 14 0 | 0 4 4 | 2 18 4 |
| Etherley - | N.S. - - | 101 | 48 | 15 | 15 | 3 | — | — | 66 | 3 | — | — | — | 5 7 0 | 0 6 6 | 5 13 6 |
| Ferry Hill - | N.S. - - | 150 | 84 | 40 | 11 | 6 | — | — | 57 | 2 | 1 | — | 1 | 5 10 0 | 0 12 8 | 6 2 8 |
| Frosterley - | Day S. - - | 72 | 58 | 27 | 13 | 3 | — | — | 43 | 3 | — | — | — | 4 2 0 | 0 6 4 | 4 8 4 |
| Gateshead - | Bensham S. Cuthbert's S. | 194 | 116 | 67 | 13 | 5 | — | — | 85 | 7 | — | 1 | 1 | 6 18 0 | 0 17 9 | 7 15 9 |
| ,, - | High Level Road Bd. S. | 96 | 93 | 37 | 6 | 4 | — | — | 47 | 1 | — | — | — | 4 1 0 | 0 8 8 | 4 9 8 |
| ,, - | High West St. Wes. S. | 284 | 158 | 114 | 22 | 4 | 2 | 1 | 143 | 5 | 1 | 1 | 1 | 10 15 0 | 3 0 4 | 13 15 4 |
| ,, - | Prior Street Bd. S. - | 297 | 223 | 145 | 14 | 8 | — | — | 167 | — | — | — | — | 10 17 0 | 0 17 4 | 11 14 4 |
| ,, - | St. Mary's N. S. - | 240 | 234 | 165 | 30 | 9 | — | — | 204 | 10 | 2 | — | — | 13 12 0 | 0 19 7 | 14 11 7 |
| Hartlepool - | Ch. Close Bd. S. - | 100 | 70 | 34 | 15 | 2 | — | — | 51 | 3 | — | — | — | 4 10 0 | 0 4 4 | 4 14 4 |
| ,, East | Hart Street Wes. S. - | 150 | 140 | 56 | 14 | 2 | — | — | 72 | 2 | — | — | — | 5 10 0 | 0 4 4 | 5 14 4 |
| ,, West | Robinson St. Wes. S.- | 110 | 94 | 61 | 15 | 4 | — | — | 80 | 2 | 1 | — | 1 | 6 13 0 | 0 8 8 | 7 1 8 |
| Hebburn - | Charles Street Wes. S. | 172 | 122 | 30 | 6 | — | — | — | 36 | — | — | — | — | 3 2 0 | Nil. | 3 2 0 |
| Hetton-le-Hole - | Eppleton Colliery S. - | 130 | 110 | 51 | 11 | 3 | — | — | 65 | 3 | 1 | — | — | 5 2 0 | 0 6 6 | 5 8 6 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| „ | N. S. | 110 | 99 | 60 | 13 | 3 | — | — | 76 | 5 | — | — | — | 5 15 0 | 0 6 6 | 6 1 6 |
| Howden-le-Wear | Wes. S. | 90 | 90 | 37 | 11 | 3 | — | — | 51 | 2 | 1 | — | 1 | 4 18 0 | 0 6 4 | 5 4 4 |
| Hunwick | N. S. | 100 | 70 | 30 | 14 | 5 | — | — | 49 | 3 | — | — | — | 4 13 0 | 0 10 10 | 5 3 10 |
| Hurworth-on-Tees | N. S. | 50 | 46 | 22 | 12 | 4 | — | — | 38 | 2 | — | — | — | 3 18 0 | 0 8 8 | 4 6 8 |
| Jarrow-on-Tyne | Grange Bd. S. | 92 | 94 | 55 | 28 | 10 | — | 1 | 94 | 9 | 1 | 2 | 3 | 10 16 0 | 2 10 2 | 13 6 2 |
| „ | North Street Wes. S. | 124 | 93 | 32 | 6 | 2 | — | — | 40 | 3 | 1 | 1 | 2 | 4 10 0 | 0 11 0 | 5 1 0 |
| „ East | Lake Chemical Wks. S. | 150 | 70 | 46 | 11 | 5 | — | — | 62 | 4 | 3 | — | 3 | 6 13 0 | 0 10 8 | 7 3 8 |
| Lamesley | Ch. of E. S. | 78 | 56 | 33 | 9 | 3 | — | — | 45 | 1 | — | — | — | 4 0 0 | 0 6 6 | 4 6 6 |
| Merrington | N. S. | 50 | 34 | 19 | 5 | 1 | — | — | 25 | 1 | — | — | — | 2 12 0 | 0 2 2 | 2 14 2 |
| Mount Pleasant | Wes. S. | 110 | 95 | 65 | 13 | 4 | — | — | 82 | 3 | — | — | — | 6 3 0 | 0 8 8 | 6 11 8 |
| Norton | High Street Bd. S. | 66 | 60 | 44 | 9 | 5 | — | — | 58 | 4 | — | 1 | — | 4 17 0 | 1 1 5 | 5 18 5 |
| Seaton Carew | N. S. | 9 | 8 | 2 | 3 | 3 | — | — | 8 | — | — | — | — | 0 17 0 | 0 6 6 | 1 3 6 |
| Shields, South | Jarrow Chem. Boys' S. | 300 | 272 | 179 | 46 | 5 | — | — | 230 | 9 | 1 | — | 1 | 16 6 0 | 0 11 2 | 16 17 2 |
| „ | „ Girls' S. | 100 | 132 | 52 | 9 | 1 | — | — | 62 | 14 | — | — | — | 4 13 0 | 0 12 2 | 5 5 2 |
| „ | St. Bede's R. C. S. | 102 | 90 | 54 | 12 | 3 | — | — | 69 | 3 | — | 1 | 1 | 5 17 0 | 0 16 10 | 6 13 10 |
| „ | St. Mary's Tyne Dock Ch. of E. S. | 105 | 91 | 50 | 9 | 1 | 1 | — | 61 | 2 | — | — | — | 4 16 0 | 0 2 2 | 4 18 2 |
| „ | Union B. S. | 450 | 453 | 248 | 48 | 15 | 3 | — | 314 | 16 | 5 | — | 5 | 24 4 0 | 1 12 5 | 25 16 5 |
| Shildon | N. S. | 130 | 100 | 47 | 10 | 5 | — | — | 62 | 3 | 1 | — | — | 5 2 0 | 0 10 10 | 5 12 10 |
| „ Old | Boys' B. S. | 200 | 189 | 92 | 19 | 11 | — | — | 122 | 4 | — | 1 | 1 | 9 13 0 | 1 9 9 | 11 2 9 |
| „ „ | Girls' B. S. | 94 | 90 | 39 | 14 | 2 | — | — | 55 | 4 | — | — | — | 5 3 0 | 0 4 4 | 5 7 4 |
| South Church | B. S. | 90 | 61 | 39 | 10 | 3 | — | — | 52 | 5 | 1 | — | 1 | 4 18 0 | 0 6 6 | 5 4 6 |
| „ | N. S. | 60 | 39 | 21 | 5 | 4 | 1 | — | 31 | 2 | 2 | — | 2 | 4 8 0 | 0 8 6 | 4 16 6 |
| Spennymoor | United Presbn. S. | 58 | 47 | 24 | 11 | 4 | — | — | 39 | 2 | 1 | — | 1 | 4 8 0 | 0 8 9 | 4 16 9 |
| „ | Wes. S. | 200 | 100 | 54 | 15 | 2 | — | — | 71 | 4 | 2 | 1 | 3 | 7 0 0 | 0 14 10 | 7 14 10 |
| Stockton-on-Tees | Hume Street B. S. | 195 | 190 | 121 | 31 | 4 | 2 | — | 158 | 8 | 1 | — | 1 | 11 15 0 | 0 8 7 | 12 3 7 |
| „ | Industrial S., Yarm Lane (Girls). | 190 | 122 | 63 | 5 | 1 | — | — | 69 | 4 | 1 | — | 1 | 5 6 0 | 0 2 2 | 5 8 2 |
| „ | St. Thomas' N. S. | 50 | 44 | 19 | 3 | 2 | — | — | 24 | — | — | — | — | 2 11 0 | 0 4 4 | 2 15 4 |
| „ | Trinity Boys' N. S. | 145 | 112 | 28 | 5 | 1 | — | — | 34 | — | — | — | — | 3 1 0 | 0 2 2 | 3 3 2 |
| Sunderland | Bishopwearmouth N. S. | 500 | 340 | 211 | 38 | 11 | — | — | 260 | — | — | — | — | 17 0 0 | 1 4 0 | 18 4 0 |
| „ | King Street Wes. S. | 60 | 46 | 36 | 7 | — | — | — | 43 | — | — | — | — | 3 10 0 | Nil. | 3 10 0 |
| „ | Nicholson St. Wes. S. | 120 | 82 | 37 | 5 | 1 | — | — | 43 | 13 | 1 | 1 | 2 | 4 10 0 | 0 12 8 | 5 2 8 |
| „ | Robinson St. Wes. S. | 180 | 148 | 82 | 13 | 5 | — | — | 100 | — | — | — | — | 7 3 0 | 0 10 8 | 7 13 8 |
| „ | Wearmouth Colliery S. | 185 | 180 | 144 | 17 | 1 | — | — | 162 | 2 | — | — | — | 10 1 0 | 0 2 2 | 10 3 2 |
| Swalwell | Bd. S. | 80 | 72 | 50 | 6 | 6 | — | — | 62 | 1 | — | — | — | 5 0 0 | 0 13 2 | 5 13 2 |
| Tow Law | N. S. | 80 | 55 | 28 | 9 | 1 | — | — | 38 | 2 | — | — | — | 3 9 0 | 0 2 2 | 3 11 2 |
| „ | Wes. S. | 120 | 108 | 66 | 15 | 1 | — | — | 82 | 4 | 1 | — | 1 | 6 9 0 | 2 15 9 | 9 4 9 |
| Tyne Dock | Hudson Street B. S. | 210 | 135 | 67 | 28 | 11 | — | — | 106 | 10 | 2 | — | 2 | 9 16 0 | 1 3 10 | 10 19 10 |
| Washington | N. S. | 285 | 144 | 86 | 21 | 8 | 1 | — | 116 | 4 | 1 | — | 1 | 9 7 0 | 0 17 3 | 10 4 3 |
| „ Station | Wes. S. | 100 | 81 | 62 | 6 | 1 | — | — | 69 | 2 | 1 | 1 | 2 | 5 17 0 | 0 7 5 | 6 4 5 |
| Waterhouses | B. S. | 100 | 88 | 60 | 11 | 3 | — | — | 74 | 1 | — | — | — | 5 11 0 | 0 6 8 | 5 17 8 |
| Whickham | Par. S | 55 | 48 | 31 | 8 | 4 | — | — | 43 | 1 | — | — | — | 3 19 0 | 2 12 9 | 6 11 9 |
| Witton-le-Wear | S. | 110 | 90 | 31 | 10 | 3 | — | — | 44 | — | — | — | — | 4 0 0 | 5 14 11 | 9 14 11 |
| Witton Park | Public Elementary S. | 204 | 159 | 68 | 5 | 3 | — | — | 76 | 1 | — | — | — | 5 7 0 | 0 6 6 | 5 13 6 |
| Wolsingham | Wes. S. | 134 | 77 | 31 | 4 | 1 | — | — | 36 | 2 | 1 | — | — | 3 2 0 | 0 2 2 | 3 4 2 |

Appendix C.

DRAWING IN ELEMENTARY DAY SCHOOLS.

## Instruction in Drawing in Elementary Day Schools—*continued.*

| Town. | Name of School. | Total No. of Children taught Drawing. | No. examined in 1st and 2nd Grades. | No. satisfactorily taught, 1st Grade. | No. showing proficiency, 1st Grade. | No. who exceeded and obtained Prizes, 1st Grade. | No. of Children who passed in 2nd Grade. | No. of Children who obtained Prizes in 2nd Grade. | No. of Children on whom Payments were made. | No. of Pupil-teachers and paid Monitors examined. | No. of Pupil-teachers and paid Monitors passed. | No. of Pupil-teachers who obtained Prizes. | No. of Pupil-teachers and paid Monitors on whom Payments were made. | Amount of Payments made to the School on account of Drawing. | Cost of Prizes and Examples. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | £ s. d. | £ s. d. | £ s. d. |
| ESSEX. | | | | | | | | | | | | | | | | |
| Baddow, Great | S. - - - | 100 | 54 | 18 | 4 | 4 | — | — | 26 | 1 | — | — | — | 2 18 0 | 0 8 10 | 3 6 10 |
| " Little | N. S. - - - | 32 | 32 | 9 | 4 | 2 | — | — | 30 | 2 | 1 | — | — | 3 17 0 | 0 8 6 | 4 5 6 |
| Barking | Public S. - - - | 32 | 32 | 16 | 11 | 2 | — | — | 29 | — | — | — | — | 3 4 0 | 0 4 4 | 3 8 4 |
| Birch | N. S. - - - | 53 | 28 | 10 | 15 | 3 | — | — | 28 | 5 | 1 | — | — | 3 9 0 | 0 6 6 | 3 15 6 |
| Bocking | High Garrett S. - - | 125 | 104 | 59 | 13 | 6 | — | — | 78 | 3 | — | — | — | 6 3 0 | 0 13 1 | 6 16 1 |
| Braintree | Bocking Bd. S. - - | 143 | 91 | 53 | 22 | 5 | — | — | 80 | 7 | 1 | — | 1 | 7 2 0 | 0 10 8 | 7 12 8 |
| " | Manor St. Public S. - | 120 | 106 | 43 | 25 | 10 | 2 | — | 85 | 3 | 1 | — | 1 | 8 8 0 | 3 15 11 | 12 3 11 |
| Brightlingsea | Chapel Road Wes. S. - | 145 | 139 | 50 | 24 | 6 | — | — | 80 | 8 | 1 | 1 | 2 | 8 6 0 | 0 8 6 | 9 7 3 |
| " | Station Road N. S. - | 200 | 129 | 78 | 11 | 4 | — | — | 83 | 5 | 1 | — | 1 | 7 2 0 | 0 8 6 | 7 10 6 |
| Canning Town | Barking Road Bd. S. - | 200 | 140 | 65 | 14 | 4 | — | — | 83 | 12 | 1 | — | 1 | 6 15 0 | 0 8 8 | 7 3 8 |
| " | Victoria" N. S. - - | 250 | 147 | 60 | 12 | 5 | — | — | 77 | 3 | 1 | — | — | 6 9 0 | 0 11 1 | 7 0 1 |
| Chelmsford | N. S. - - - | 155 | 52 | 14 | 4 | 6 | — | — | 72 | 8 | 2 | — | — | 5 18 0 | 0 13 2 | 6 11 2 |
| Chingford | N. S. - - - | 40 | 32 | 16 | 2 | 2 | — | — | 22 | — | — | — | — | 2 10 0 | 0 4 4 | 2 14 4 |
| Colchester | Central N. S. - - | 210 | 199 | 99 | 49 | 23 | 5 | 2 | 171 | — | 4 | 2 | 6 | 17 16 0 | 3 3 10 | 20 19 10 |
| " | Culver Street Wes. S. | 120 | 120 | 56 | 12 | 5 | — | — | 73 | 1 | — | — | — | 5 15 0 | 0 10 11 | 6 5 11 |
| " | Priory Street B. S. - | 100 | 55 | 22 | 10 | 3 | — | — | 35 | — | — | — | — | 3 11 0 | 0 10 0 | 4 1 0 |
| Dunmow | B. S. - - - | 53 | 42 | 17 | 8 | 13 | 1 | — | 38 | — | — | — | — | 2 0 0 | 0 4 0 | 2 4 0 |
| Forest Gate | Emmanuel N. S. - - | 80 | 70 | 22 | 12 | 2 | — | — | 38 | 1 | — | — | — | 4 12 0 | 0 6 4 | 4 18 4 |
| Gosfield | Village S. - - - | 42 | 30 | 13 | 3 | 3 | — | — | 26 | 1 | — | — | — | 3 12 0 | 0 6 6 | 3 18 6 |
| Halstead | Factory Lane B. S. - | 36 | 28 | 17 | 9 | 2 | — | — | 27 | 1 | — | — | — | 3 9 0 | 0 4 4 | 3 13 4 |
| " | St. Andrew's N. S. - | 400 | 291 | 105 | 67 | 23 | 3 | 1 | 289 | 1 | 1 | — | 1 | 21 18 0 | 0 2 2 | 24 17 1 |
| Ham, West | Model S., Church St. - | 250 | 105 | 48 | 7 | 6 | — | — | 61 | — | 1 | — | — | 5 0 0 | 0 16 11 | 11 16 11 |
| Loughton | N. S. - - - | 90 | 70 | 43 | 4 | 4 | — | — | 59 | — | 1 | — | 1 | 5 4 0 | 0 8 8 | 5 12 8 |
| Mamningtree | Wes. S. - - - | 36 | 28 | 12 | 5 | 1 | — | — | 18 | 2 | 1 | — | 1 | 1 5 0 | 0 2 2 | 1 7 2 |
| Ongar | Ch. of E. S. - - - | 120 | 125 | 41 | 30 | 16 | — | — | 87 | 6 | 2 | — | — | 3 9 0 | 9 17 2 | 13 6 2 |
| Plaistow | Balaam Street Boys' Bd. S. | 70 | 45 | 24 | 19 | 2 | — | — | 36 | — | — | — | — | 3 10 0 | 0 4 4 | 3 14 4 |
| " | Balaam Street Girls' Bd. S. | 218 | 123 | 76 | 29 | 10 | — | — | 115 | 5 | 1 | — | — | 9 4 0 | 1 1 11 | 10 5 11 |
| Romford | Trinity S. - - - | 35 | 26 | 14 | 7 | 5 | — | — | 26 | 1 | — | 1 | — | 3 13 0 | 0 10 8 | 4 3 8 |

| | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| „ - - | St. Edward's N. S. - | 149 | 128 | 65 | 44 | 8 | — | — | 117 | 8 | 1 | — | 1 | 10 | 7 | 0 | 0 | 17 | 2 | 11 | 4 | 2 |
| Roxwell - - | N. S. - - - | 46 | 42 | 18 | 10 | 1 | — | — | 29 | 1 | 1 | — | — | 3 | 1 | 0 | 0 | 2 | 2 | 3 | 3 | 2 |
| Saffron Walden - | Radwinter N. S. - | 100 | 65 | 27 | 4 | 1 | — | — | 32 | 3 | — | — | — | 2 | 18 | 0 | 0 | 2 | 2 | 3 | 0 | 2 |
| Shenfield - - | S. - - - - | 46 | 43 | 18 | 18 | 6 | — | — | 42 | — | — | — | — | 4 | 12 | 0 | 0 | 13 | 4 | 5 | 5 | 4 |
| Southend - - | High Street B. S. - | 130 | 146 | 43 | 11 | 2 | — | — | 56 | 3 | — | 1 | 1 | 5 | 1 | 0 | 2 | 3 | 4 | 7 | 4 | 4 |
| Stratford - - | G. E. Railway S. - | 80 | 92 | 58 | 21 | 5 | — | — | 84 | 1 | 1 | — | — | 6 | 15 | 0 | 0 | 10 | 8 | 7 | 5 | 8 |
| „ - - | Grove Girls' Bd. S. - | 73 | 46 | 31 | 9 | 4 | — | — | 44 | — | — | — | — | 4 | 1 | 0 | 0 | 8 | 8 | 4 | 9 | 8 |
| „ - - | High St. Boys' Bd. S.- | 120 | 90 | 60 | 10 | 5 | — | — | 75 | — | — | — | — | 5 | 15 | 0 | 0 | 10 | 10 | 6 | 5 | 10 |
| „ - - | North Place B. Bd. S. | 170 | 145 | 71 | 46 | 17 | — | — | 134 | 22 | 6 | 3 | 9 | 17 | 4 | 0 | 9 | 19 | 5 | 27 | 3 | 5 |
| „ - - | St. John's Par. S. - | 105 | 142 | 43 | 27 | 8 | — | — | 78 | 1 | — | — | — | 7 | 1 | 0 | 0 | 17 | 8 | 7 | 18 | 8 |
| „ - - | St. Paul's S. - - | 279 | 191 | 72 | 52 | 51 | 1 | — | 176 | 20 | 2 | 3 | 5 | 21 | 4 | 0 | 6 | 17 | 7 | 28 | 1 | 7 |
| Thorington - - | Ch. of E. S. - - | 58 | 52 | 30 | 12 | 10 | — | — | 52 | 1 | 1 | — | — | 5 | 4 | 0 | 1 | 1 | 3 | 6 | 5 | 3 |
| Walthamstow - | Orford Road N. S. - | 160 | 122 | 77 | 18 | 9 | — | — | 104 | — | — | — | — | 8 | 0 | 0 | 0 | 19 | 6 | 8 | 19 | 6 |
| Wanstead - - | Orphan Asylum S. - | 234 | 170 | 61 | 57 | 51 | — | — | 169 | — | — | — | — | 17 | 8 | 0 | 5 | 8 | 3 | 22 | 16 | 3 |
| Witham - - | Boys' N. S. - - | 87 | 72 | 47 | 12 | 3 | — | — | 62 | 5 | 1 | — | 1 | 5 | 10 | 0 | 0 | 6 | 6 | 5 | 16 | 6 |
| Woodford - - | Boys' N. S. - - | 50 | 40 | 15 | 4 | 2 | — | — | 21 | — | — | — | — | 2 | 9 | 0 | 0 | 4 | 4 | 2 | 13 | 4 |
| GLOUCESTER. | | | | | | | | | | | | | | | | | | | | | | |
| Berkeley - - | Ch. of E. S. - - | 63 | 47 | 20 | 8 | 2 | 1 | — | 30 | 1 | — | — | — | 3 | 2 | 0 | 0 | 4 | 5 | 3 | 6 | 5 |
| Blakeney - - | B. S. - - - - | 100 | 37 | 22 | 10 | 5 | — | — | 37 | 2 | — | 1 | 1 | 4 | 7 | 0 | 1 | 1 | 5 | 5 | 8 | 5 |
| Bristol - - | Baptist Mills, St. Simon's S. | 150 | 80 | 40 | 7 | 3 | — | — | 50 | 4 | — | — | — | 4 | 3 | 0 | 0 | 6 | 4 | 4 | 9 | 4 |
| „ - - | Baptist Mills Wes. S. | 260 | 122 | 47 | 11 | — | — | — | 58 | 6 | — | — | — | 4 | 9 | 0 | Nil. | | | 4 | 9 | 0 |
| „ - - | Benevolent Soc. S. - | 160 | 101 | 66 | 13 | 4 | 1 | — | 84 | 7 | 2 | 2 | 4 | 9 | 9 | 0 | 1 | 18 | 0 | 11 | 7 | 0 |
| „ - - | Blackfriars Bd. S. - | 153 | 116 | 45 | 11 | 1 | — | — | 57 | 3 | — | — | — | 4 | 10 | 0 | 0 | 2 | 2 | 4 | 12 | 2 |
| „ - - | Clifton Bd. S. - - | 118 | 87 | 49 | 8 | 3 | — | — | 60 | 6 | 2 | — | 2 | 6 | 4 | 0 | 0 | 6 | 2 | 6 | 10 | 2 |
| „ - - | „ Cert. Indus. S. | 150 | 128 | 83 | 19 | 5 | — | — | 107 | — | — | — | — | 7 | 16 | 0 | 0 | 10 | 7 | 8 | 6 | 7 |
| „ - - | Counterslip Bd. S. - | 150 | 96 | 54 | 17 | 10 | — | — | 81 | 3 | 2 | — | 2 | 7 | 18 | 0 | 1 | 2 | 2 | 9 | 0 | 2 |
| „ - - | Emmanuel Ch. S. - | 125 | 92 | 34 | 4 | — | — | — | 38 | 6 | — | — | — | 3 | 2 | 0 | Nil. | | | 3 | 2 | 0 |
| „ - - | Friend's Boys' B. S. - | 300 | 212 | 138 | 37 | 13 | — | — | 188 | 6 | 4 | 1 | 5 | 16 | 1 | 0 | 1 | 18 | 8 | 17 | 19 | 8 |
| „ - - | „ Girls' B. S. - | 135 | 89 | 60 | 6 | 2 | — | — | 68 | 4 | 1 | — | 1 | 5 | 8 | 0 | 0 | 4 | 2 | 5 | 12 | 2 |
| „ - - | Hannah More Boys' S. | 123 | 119 | 69 | 12 | 6 | — | — | 87 | 2 | 1 | — | — | 6 | 11 | 0 | 0 | 12 | 10 | 7 | 3 | 10 |
| „ - - | Kingsdown Wes. S. - | 80 | 23 | 5 | 1 | — | — | — | 6 | 1 | — | 1 | — | 0 | 7 | 0 | 0 | 3 | 10 | 0 | 10 | 10 |
| „ - - | Lewins Mead B. S. - | 80 | 65 | 37 | 11 | 5 | — | 1 | 54 | 4 | 4 | — | 4 | 6 | 19 | 0 | 1 | 0 | 10 | 7 | 19 | 10 |
| „ - - | North Street Wes. S. | 396 | 315 | 173 | 25 | 12 | 1 | 1 | 212 | 14 | 2 | 3 | 5 | 19 | 9 | 0 | 2 | 16 | 10 | 22 | 5 | 10 |
| „ - - | Redcross St. Boys' B.S. | 600 | 428 | 281 | 60 | 23 | 3 | 1 | 368 | 14 | 7 | 3 | 10 | 31 | 10 | 0 | 4 | 9 | 10 | 35 | 19 | 10 |
| „ - - | „ Girls' B.S. | 75 | 83 | 33 | 6 | 3 | — | — | 42 | 4 | 2 | — | 2 | 5 | 4 | 0 | 0 | 6 | 9 | 5 | 10 | 9 |
| „ - - | Redland, Highbury Boys' B. S. | 120 | 97 | 39 | 21 | 15 | 6 | 1 | 82 | 7 | 4 | — | 4 | 11 | 11 | 0 | 2 | 3 | 5 | 13 | 14 | 5 |
| „ - - | Redland, Highbury Girls' B. S. | 90 | 72 | 51 | 14 | 3 | — | — | 68 | — | — | — | — | 5 | 8 | 0 | 0 | 6 | 8 | 5 | 14 | 8 |
| „ - - | Redland, St. John's - | 112 | 55 | 23 | 3 | 1 | — | — | 27 | 1 | — | — | — | 2 | 12 | 0 | 0 | 2 | 3 | 2 | 14 | 3 |
| „ - - | River Street Bd. S. - | 90 | 66 | 40 | 5 | 2 | — | — | 47 | — | — | — | — | 3 | 16 | 0 | 0 | 4 | 4 | 4 | 0 | 4 |
| „ - - | Russell Town B. S. - | 253 | 217 | 125 | 49 | 24 | 3 | 2 | 203 | 1 | 1 | — | 1 | 17 | 10 | 0 | 3 | 11 | 8 | 21 | 1 | 8 |
| „ - - | St. Augustine's N. S. | 90 | 69 | 46 | 5 | 2 | — | — | 53 | 8 | 1 | 1 | 2 | 5 | 2 | 0 | 0 | 14 | 10 | 5 | 16 | 10 |
| „ - - | St. Barnabas' N. S. - | 50 | 40 | 24 | 1 | — | — | — | 25 | 2 | — | — | — | 2 | 6 | 0 | Nil. | | | 2 | 6 | 0 |

## Instruction in Drawing in Elementary Day Schools—*continued.*

| Town. | Name of School. | Total No. of Children taught Drawing. | No. examined in 1st and 2nd Grades. | No. satisfactorily taught, 1st Grade. | No. showing proficiency, 1st Grade. | No. who excelled and obtained Prizes, 1st Grade. | No. of Children who passed in 2nd Grade. | No. of Children who obtained Prizes in 2nd Grade. | No. of Children on whom Payments were made. | No. of Pupil-teachers and paid Monitors examined. | No. of Pupil-teachers and paid Monitors passed. | No. of Pupil-teachers and paid Monitors who obtained Prizes. | No. of Pupil-teachers and paid Monitors on whom Payments were made. | Amount of Payments made to the School on account of Drawing. | Cost of Prizes and Examples. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | £ s. d. | £ s. d. | £ s. d. |
| Bristol | St. George's N. S. | 120 | 76 | 43 | 24 | 3 | — | — | 70 | 4 | 2 | — | 2 | 8 0 0 | 0 6 7 | 8 6 7 |
| " | St. Michael's N. S. | 130 | 63 | 37 | 19 | 6 | — | — | 62 | 3 | — | — | — | 5 13 0 | 0 13 1 | 6 6 1 |
| " | St. Nicholas with St. Leonard's Par. S. | 90 | 72 | 39 | 13 | 14 | 2 | — | 73 | 3 | 2 | 1 | 3 | 9 7 0 | 2 9 0 | 11 16 0 |
| " | St. Paul's N. S. | 120 | 105 | 63 | 25 | 4 | 2 | — | 92 | 2 | 1 | — | — | 7 5 0 | 0 8 6 | 7 13 6 |
| " | St. Peter's S. | 70 | 54 | 23 | 17 | 4 | — | — | 44 | 5 | 2 | — | 2 | 5 9 0 | 0 8 6 | 5 17 6 |
| " | St. Philip's Bd. S. | 200 | 168 | 87 | 6 | — | — | — | 93 | 5 | 1 | — | 1 | 6 9 0 | Nil. | 6 9 0 |
| " | Stokes Croft S. | 40 | 45 | 14 | 10 | 3 | — | — | 27 | — | — | — | — | 3 3 0 | 0 6 6 | 3 9 6 |
| " | Two Mile Hill N. S. | 98 | 53 | 35 | 12 | 4 | — | — | 51 | — | — | — | — | 4 11 0 | 0 8 6 | 4 19 6 |
| Cainscross | N. S. | 113 | 81 | 34 | 12 | 5 | — | — | 51 | — | — | — | — | 4 13 0 | 0 10 11 | 5 3 11 |
| Chalford | Boys' S. | 49 | 40 | 23 | 6 | — | — | — | 29 | 2 | 1 | — | — | 2 15 0 | Nil. | 2 15 0 |
| Charlton Kings | | 51 | 21 | 8 | 5 | — | — | — | 34 | 3 | — | 1 | — | 4 2 0 | 1 1 0 | 5 3 0 |
| Cheltenham | Bath Road, St. Luke's N. S. | 60 | 39 | 23 | 2 | — | — | — | 28 | 2 | — | — | — | 2 10 0 | Nil. | 2 10 0 |
| " | Ch. Ch. N. S. | 90 | 84 | 43 | 15 | 4 | — | — | 62 | — | — | — | — | 5 5 0 | 0 8 7 | 5 13 7 |
| " | Great Norwood St. Wes. S. | 85 | 55 | 35 | 6 | 2 | — | — | 43 | 3 | 1 | — | 1 | 4 3 0 | 0 4 2 | 4 7 2 |
| " | Henrietta Street B. S. | 300 | 180 | 109 | 29 | 8 | 1 | 2 | 140 | 4 | 1 | — | 1 | 11 16 0 | 0 17 1 | 12 13 1 |
| " | Highbury B. S. | 70 | 69 | 41 | 3 | 4 | — | — | 53 | 1 | — | — | — | 4 9 0 | 0 8 4 | 4 17 4 |
| " | Par. Ch. Boys' S. | 328 | 210 | 108 | 37 | 10 | 4 | — | 159 | — | — | — | — | 12 12 0 | 1 1 8 | 13 13 8 |
| " | St. James' N. S. | 110 | 90 | 49 | 19 | 4 | — | — | 72 | 6 | — | — | — | 5 19 0 | 0 8 6 | 6 7 6 |
| " | St. John's N. S. | 85 | 68 | 38 | 9 | 4 | — | — | 51 | 1 | — | — | — | 4 8 0 | 0 8 8 | 4 16 8 |
| " | Trinity N. S. | 103 | 73 | 44 | 9 | — | — | — | 53 | — | — | — | — | 4 2 0 | Nil. | 4 2 0 |
| Cirencester | Ch. of E. Endowed S. | 254 | 157 | 88 | 27 | 6 | 2 | — | 133 | — | — | — | — | 9 10 0 | 0 12 9 | 10 2 9 |
| " | Sheep St. Boys' B. S. | 78 | 59 | 40 | 7 | 3 | 1 | — | 51 | — | — | — | — | 4 8 0 | 0 6 4 | 4 14 4 |
| Coleford | B. S. | 60 | 47 | 34 | 1 | — | — | — | 35 | — | — | — | — | 2 16 0 | Nil. | 2 16 0 |
| Eastington | N. S. | 40 | 26 | 18 | 2 | — | — | — | 20 | 3 | 1 | — | — | 2 2 0 | Nil. | 2 2 0 |
| Easton, Upper | St. Gabriel's S. | 115 | 100 | 43 | 3 | — | — | — | 46 | — | — | — | — | 3 9 0 | Nil. | 3 9 0 |
| Gloucester | Hampden Place B. S. | 150 | 95 | 64 | 25 | 3 | — | — | 92 | 4 | — | — | — | 7 3 0 | 0 6 6 | 7 9 6 |
| " | London Road Boys' N. S. | 85 | 70 | 53 | 9 | 2 | — | — | 64 | 2 | — | — | — | 4 17 0 | 0 4 4 | 5 1 4 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| " | Ryecroft Wes. S | 120 | 63 | 43 | 12 | 1 | 1 | — | 57 | — | 2 | — | 2 | 5 15 0 | 0 2 2 | 5 17 2 |
| " | St. Luke's N. S. | 220 | 153 | 110 | 15 | 1 | — | — | 126 | 7 | 1 | — | 1 | 8 13 0 | 0 2 0 | 8 15 0 |
| Hanham | Wes. S. | 105 | 69 | 30 | 5 | — | — | — | 35 | 5 | 2 | — | 2 | 4 0 0 | 1 18 8 | 5 18 8 |
| Hartpury | N. S. | 86 | 61 | 16 | 2 | 2 | — | — | 20 | 1 | — | — | — | 2 6 0 | 0 4 4 | 2 10 4 |
| Horfield | Edmond's Trust S. | 18 | 12 | 4 | 1 | — | — | — | 5 | — | — | — | — | 0 6 0 | Nil. | 0 6 0 |
| " | United Meth. F. C. S. | 88 | 56 | 29 | 7 | 9 | 2 | — | 45 | 1 | — | — | — | 4 10 0 | 1 0 3 | 5 10 3 |
| King Stanley | Blakeford B. S. | 52 | 47 | 17 | 4 | 1 | — | — | 22 | 2 | — | — | — | 2 8 0 | 0 2 2 | 2 10 2 |
| " | St. George's N. S. | 54 | 42 | 21 | 1 | — | — | — | 22 | — | — | — | — | 2 3 0 | Nil. | 2 3 0 |
| Kingswood | Wes. S. | 150 | 105 | 53 | 17 | 7 | — | — | 77 | — | — | — | — | 6 8 0 | 0 2 2 | 6 10 2 |
| " Hill | B. S. | 152 | 94 | 64 | 23 | 5 | — | — | 92 | — | — | — | — | 7 5 0 | 0 10 11 | 7 15 11 |
| Minchinhampton | Par. S. | 30 | 24 | 15 | 4 | 1 | — | — | 19 | — | — | — | — | 2 5 0 | 0 2 2 | 2 7 2 |
| Moreton-in-the Marsh. | B. S. | 60 | 34 | 19 | 4 | 2 | — | — | 25 | 1 | — | — | — | 2 13 0 | 0 4 4 | 2 17 4 |
| Newnham | N. S. | 46 | 28 | 10 | 8 | 3 | — | — | 21 | 1 | — | — | — | 2 15 0 | 0 6 6 | 3 1 6 |
| Randwick | N. S. | 47 | 40 | 24 | 2 | — | — | — | 26 | 1 | — | — | — | 2 8 0 | Nil. | 2 8 0 |
| St. George's | B. S. | 107 | 74 | 32 | — | — | — | — | 32 | 1 | 1 | — | 1 | 3 2 0 | Nil. | 3 2 0 |
| " | N. S. | 500 | 149 | 82 | 7 | 3 | — | — | 92 | 5 | — | — | — | 6 5 0 | 0 6 7 | 6 11 7 |
| Selsley | Ch. of E. S. | 80 | 57 | 18 | 1 | — | — | — | 19 | 2 | — | — | — | 1 0 0 | Nil. | 1 0 0 |
| Shirehampton | N. S. | 55 | 53 | 28 | 15 | 8 | — | — | 51 | — | — | — | — | 5 2 0 | 0 17 4 | 5 19 4 |
| Stonehouse | Camb. Unsect. S. | 45 | 38 | 20 | 1 | 1 | — | 1 | 23 | — | — | — | — | 2 10 0 | 0 6 1 | 2 16 1 |
| " | Wheatenhurst End. S. | 51 | 27 | 23 | 2 | — | — | — | 25 | — | — | — | — | 2 7 0 | Nil. | 2 7 0 |
| Stroud | Badbrook B. S. | 140 | 59 | 38 | 2 | — | — | — | 40 | — | — | — | — | 3 2 0 | Nil. | 3 2 0 |
| " | Brick Row N. S. | 50 | 52 | 28 | 9 | 4 | — | — | 41 | — | — | — | — | 3 18 0 | 0 8 10 | 4 6 10 |
| " | Slad Holy Trin. N. S. | 35 | 33 | 17 | 1 | — | — | — | 18 | — | — | — | — | 0 19 0 | Nil. | 0 19 0 |
| Uley | N. S. | 36 | 30 | 18 | 2 | 1 | — | — | 21 | 2 | 1 | — | 1 | 2 15 0 | 0 2 2 | 2 17 2 |
| Wotton-under-Edge | B. S. | 150 | 63 | 34 | 18 | 8 | — | — | 60 | 2 | 2 | — | 2 | 6 14 0 | 0 17 3 | 7 11 3 |
| HAMPSHIRE. | | | | | | | | | | | | | | | | |
| Abbotts Anne | Par. S. | 92 | 54 | 32 | 11 | 5 | — | — | 48 | — | — | — | — | 4 9 0 | 0 10 6 | 4 19 6 |
| Alresford (New) | N. S. | 18 | 18 | 13 | — | 1 | — | — | 14 | 3 | — | — | — | 0 16 0 | 0 2 2 | 0 18 2 |
| Andover | B. S. | 165 | 123 | 70 | 28 | 7 | — | 1 | 106 | 6 | 3 | — | 3 | 10 2 0 | 1 5 1 | 11 7 1 |
| " | East Street N. S. | 120 | 98 | 57 | 10 | 2 | — | — | 69 | — | — | — | — | 5 3 0 | 0 4 4 | 5 7 4 |
| Basingstoke | B. S. | 150 | 114 | 72 | 13 | 6 | — | — | 91 | — | — | — | — | 6 16 0 | 0 12 7 | 7 8 7 |
| " | Cross Street N. S. | 50 | 28 | 17 | 4 | 1 | — | — | 22 | 2 | — | — | — | 2 8 0 | 0 2 2 | 2 10 2 |
| Bitterne | Ch. of E. S. | 64 | 51 | 29 | 13 | 5 | — | — | 47 | 5 | — | 1 | 1 | 5 0 0 | 0 18 10 | 5 18 10 |
| Bournemouth | B. S. | 120 | 65 | 27 | 15 | 15 | — | — | 57 | 4 | 1 | — | 1 | 6 12 0 | 1 11 6 | 8 3 6 |
| Burghclere | N. S. | 46 | 39 | 22 | 5 | 1 | — | — | 28 | 2 | — | — | — | 2 15 0 | 0 2 2 | 2 17 2 |
| Chale | Par. S. | 60 | 40 | 18 | 6 | 1 | — | — | 25 | — | — | — | — | 2 13 0 | 0 2 2 | 2 15 2 |
| Cowes, East | N. S. | 80 | 67 | 35 | 16 | 6 | — | — | 57 | — | — | — | — | 5 5 0 | 0 12 8 | 5 17 8 |
| " West | N. S. | 100 | 94 | 41 | 30 | 22 | — | 2 | 95 | 10 | 4 | 2 | 6 | 13 17 0 | 3 17 2 | 17 14 2 |
| Farnborough | N. S. | 36 | 28 | 17 | 5 | 1 | — | — | 21 | 1 | — | — | — | 2 8 0 | 0 2 2 | 2 10 2 |
| Forton | St. John's N. S. | 100 | 60 | 31 | 3 | 3 | — | — | 37 | 5 | 4 | — | 4 | 5 6 0 | 0 6 6 | 5 12 6 |
| Freemantle | Ch. of E. S. | 250 | 205 | 132 | 48 | 7 | 1 | — | 188 | 11 | 3 | 1 | 4 | 16 4 0 | 1 5 2 | 17 9 2 |
| Gosport | North Street Wes. S. | 60 | 38 | 22 | 7 | 2 | — | — | 30 | 2 | — | — | — | 3 0 0 | 0 4 4 | 3 4 4 |

## Instruction in Drawing in Elementary Day Schools—*continued.*

| Town. | Name of School. | Total No. of Children taught Drawing. | No. examined in 1st and 2nd Grades. | No. satisfactorily taught, 1st Grade. | No. showing proficiency, 1st Grade. | No. who excelled and obtained Prizes, 1st Grade. | No. of Children who passed in 2nd Grade. | No. of Children who obtained Prizes in 2nd Grade. | No. of Children on whom Payments were made. | No. of Pupil-teachers and paid Monitors examined. | No. of Pupil-teachers and paid Monitors passed. | No. of Pupil-teachers and paid Monitors who obtained Prizes. | No. of Pupil-teachers and paid Monitors on whom Payments were made. | Amount of Payments made to the School on account of Drawing. | | | Cost of Prizes and Examples. | | | Total. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | £ | s. | d. | £ | s. | d. | £ | s. | d. |
| Hartley Wespall | N. S. | 40 | 30 | 26 | 2 | 1 | — | — | 29 | 2 | 1 | — | 1 | 3 | 3 | 0 | 0 | 2 | 2 | 3 | 5 | 2 |
| Hythe | N. S. | 24 | 18 | 9 | 2 | 3 | — | — | 14 | — | — | — | — | 1 | 2 | 0 | 0 | 6 | 6 | 1 | 8 | 6 |
| Lymington | N. S. | 100 | 81 | 42 | 22 | 15 | — | — | 79 | 5 | 1 | — | 1 | 8 | 1 | 0 | 1 | 12 | 5 | 9 | 13 | 5 |
| Newport | Carisbrooke Road N. S. | 240 | 172 | 80 | 54 | 13 | 1 | — | 148 | — | — | — | — | 12 | 12 | 0 | 1 | 7 | 6 | 13 | 19 | 6 |
| „ | Union S. | 40 | 33 | 18 | 10 | 2 | — | — | 30 | — | — | — | — | 3 | 4 | 0 | 0 | 4 | 4 | 3 | 8 | 4 |
| Petersfield | N. S. | 68 | 50 | 24 | 8 | 7 | — | — | 39 | 1 | — | — | — | 4 | 1 | 0 | 0 | 15 | 2 | 4 | 16 | 2 |
| Portsea | Beneficial Soc. S. | 120 | 67 | 39 | 10 | 4 | 1 | — | 54 | 4 | 2 | 2 | 4 | 7 | 6 | 0 | 1 | 9 | 11 | 8 | 15 | 11 |
| „ | St. John's N. S. | 116 | 122 | 60 | 18 | 10 | — | — | 88 | — | — | — | — | 7 | 6 | 0 | 1 | 1 | 9 | 8 | 7 | 9 |
| Portsmouth | Landport Wes. S. | 70 | 65 | 40 | 13 | 4 | — | — | 57 | — | — | — | — | 4 | 18 | 0 | 0 | 8 | 8 | 5 | 6 | 8 |
| Ringwood | B. S. | 42 | 36 | 22 | 8 | 3 | — | — | 33 | 2 | 1 | — | 1 | 3 | 17 | 0 | 0 | 6 | 6 | 4 | 3 | 6 |
| Rownhams | N. S. | 23 | 19 | 12 | 5 | 1 | — | — | 18 | 1 | — | — | — | 1 | 5 | 0 | 0 | 2 | 2 | 1 | 7 | 2 |
| Ryde | St. John's Road Boys' Bd. S. | 12 | 11 | 3 | 4 | 4 | — | — | 11 | — | — | — | — | 1 | 3 | 0 | 0 | 8 | 8 | 1 | 11 | 8 |
| „ | St. John's Road Girls' Bd. S. | 31 | 21 | 9 | 6 | 3 | — | — | 18 | 3 | — | — | — | 2 | 10 | 0 | 0 | 6 | 6 | 2 | 16 | 6 |
| Sandown | N. S. | 66 | 54 | 38 | 9 | 2 | — | — | 49 | — | — | — | — | 4 | 12 | 0 | 0 | 4 | 4 | 4 | 16 | 4 |
| Sopley | B. S. | 50 | 35 | 23 | 2 | 1 | — | — | 26 | — | — | — | — | 2 | 10 | 0 | 0 | 2 | 2 | 2 | 12 | 2 |
| Southampton | Bevois Town Bd. S. | 130 | 81 | 51 | 20 | 10 | — | — | 81 | 3 | — | — | — | 7 | 1 | 0 | 1 | 1 | 11 | 8 | 2 | 11 |
| „ | East Street Wes. S. | 100 | 43 | 24 | 11 | 5 | — | — | 40 | 1 | 1 | — | 1 | 4 | 11 | 0 | 0 | 10 | 11 | 5 | 1 | 11 |
| „ | Eastern Dist. Boys' Bd. S. | 126 | 69 | 51 | 5 | 1 | — | — | 57 | 3 | 1 | — | 1 | 4 | 14 | 0 | 0 | 2 | 2 | 4 | 16 | 2 |
| „ | Eastern Dist. Girls' Bd. S. | 86 | 62 | 39 | 7 | 3 | — | — | 49 | 12 | 3 | — | 3 | 5 | 12 | 0 | 0 | 6 | 6 | 5 | 18 | 6 |
| „ | Royal B. S. | 230 | 124 | 74 | 26 | 10 | — | — | 110 | — | — | — | — | 8 | 16 | 0 | 1 | 1 | 9 | 9 | 17 | 9 |
| „ | St. Luke's S. | 80 | 84 | 22 | 38 | 16 | — | — | 76 | 7 | 2 | 1 | 3 | 9 | 16 | 0 | 2 | 5 | 6 | 12 | 1 | 6 |
| „ | St. Mary's S. | 383 | 150 | 66 | 41 | 21 | 2 | — | 130 | 8 | 3 | — | 3 | 13 | 11 | 0 | 2 | 5 | 4 | 15 | 16 | 4 |
| „ | South Stoneham, Highfield N. S. | 100 | 46 | 26 | 11 | 5 | — | — | 42 | 5 | 3 | — | 3 | 5 | 13 | 0 | 0 | 10 | 10 | 6 | 3 | 10 |
| „ | Taunton's Endowed S. | 88 | 80 | 35 | 25 | 9 | — | — | 71 | 3 | 2 | — | 2 | 8 | 2 | 0 | 0 | 19 | 7 | 9 | 1 | 7 |
| „ | Trinity N. S. | 205 | 145 | 62 | 39 | 21 | — | — | 122 | 3 | 1 | — | 1 | 11 | 13 | 0 | 2 | 6 | 8 | 13 | 19 | 8 |
| Swanmore | N. S. | 81 | 66 | 26 | 5 | 1 | — | — | 26 | — | — | — | — | 2 | 13 | 0 | 0 | 2 | 2 | 2 | 15 | 2 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Totton | B. S. | 40 | 25 | 19 | 2 | 2 | — | — | 23 | 2 | — | — | — | 2 9 0 | 0 4 5 | 2 13 5 |
| Ventnor | High Street Wes. S. | 40 | 29 | 15 | 8 | 1 | — | — | 24 | — | — | — | — | 2 14 0 | 0 2 2 | 2 16 2 |
| ,, | Literary Inst. S. | 40 | 29 | 10 | 14 | 4 | — | — | 28 | 3 | 1 | — | — | 3 10 0 | 2 14 8 | 6 4 8 |
| Whitwell | Gov<sup>t</sup>. S. | 12 | 8 | 3 | 4 | 1 | — | — | 8 | 1 | 1 | — | — | 0 14 0 | 0 2 2 | 0 16 2 |
| Winchester | Central S. | 80 | 59 | 36 | 7 | 1 | — | — | 44 | 2 | 1 | — | 1 | 4 3 0 | 0 2 2 | 4 5 2 |
| ,, | Jewry Street B. S. | 62 | 46 | 19 | 7 | 3 | — | — | 29 | 3 | — | — | — | 3 2 0 | 0 6 7 | 3 8 7 |
| ,, | St. Bartholomew's N. S. | 80 | 29 | 11 | 2 | 1 | — | — | 14 | 3 | — | — | — | 0 18 0 | 1 14 6 | 2 12 6 |
| ,, | Trinity Boys' Par. S. | 34 | 27 | 15 | 8 | 3 | — | — | 26 | 1 | — | — | — | 3 0 0 | 0 6 7 | 3 6 7 |
| Wykeham | N. S. | 150 | 50 | 29 | 13 | 6 | — | — | 48 | 1 | — | — | — | 4 13 0 | 0 13 0 | 5 6 0 |
| HEREFORDSHIRE. | | | | | | | | | | | | | | | | |
| Bromyard | B. S. | 90 | 57 | 32 | 7 | 3 | — | — | 42 | 3 | 1 | — | — | 3 15 0 | 0 6 6 | 4 1 6 |
| Hereford | Blue Coat S. | 70 | 59 | 34 | 15 | 6 | — | — | 55 | — | — | — | — | 5 2 0 | 0 13 0 | 5 15 0 |
| ,, | St. Peter's Ch. of E. S. | 50 | 45 | 24 | 11 | 3 | — | — | 38 | 3 | — | 1 | 1 | 4 5 0 | 0 16 10 | 5 1 10 |
| ,, | Scudamore End. S. | 135 | 128 | 70 | 29 | 8 | 1 | — | 107 | 2 | 1 | — | — | 8 12 0 | 0 17 0 | 9 9 0 |
| Ledbury | Ch. of E. S. | 60 | 52 | 42 | 9 | 1 | — | — | 52 | 7 | 1 | — | 1 | 4 13 0 | 0 2 2 | 4 15 2 |
| Lyonshall | Par. S. | 2 | — | — | — | — | — | — | — | 1 | — | — | — | Nil. | Nil. | Nil. |
| Ross | Bd. S. | 50 | 22 | 9 | 11 | 2 | — | — | 22 | — | — | — | — | 2 17 0 | 0 4 4 | 3 1 4 |
| Tarrington | Ch. of E. S. | 33 | 28 | 17 | 7 | 3 | — | — | 27 | 1 | — | — | — | 3 0 0 | 2 16 3 | 5 16 3 |
| HERTFORDSHIRE. | | | | | | | | | | | | | | | | |
| Abbot's Langley | Par. S. | 90 | 48 | 28 | 11 | 4 | — | — | 43 | 3 | 1 | — | 1 | 4 12 0 | 1 2 2 | 5 14 2 |
| Barnet | Union Street B. S. | 30 | 26 | 16 | 5 | 1 | — | — | 22 | — | — | — | — | 2 9 0 | 0 2 2 | 2 11 2 |
| ,, (New) | Par. S. | 64 | 52 | 29 | 10 | 4 | — | — | 43 | — | — | — | — | 4 1 0 | 0 8 8 | 4 9 8 |
| Bengeo | N. S. | 41 | 34 | 16 | 7 | 2 | — | — | 25 | 2 | — | — | — | 2 16 0 | 0 4 4 | 3 0 4 |
| Berkhampstead | Bd. S. | 70 | 54 | 20 | 19 | 11 | — | — | 50 | 3 | 1 | — | 1 | 6 1 0 | 1 4 3 | 7 5 3 |
| Cheshunt | B. S. | 90 | 72 | 49 | 12 | 4 | — | — | 65 | — | — | — | — | 5 5 0 | 4 11 1 | 9 16 1 |
| Flamstead | Beechwood N. S. | 62 | 40 | 23 | 9 | 2 | — | — | 34 | 1 | — | — | — | 3 7 0 | 0 4 4 | 3 11 4 |
| Hatfield | Countess Anne's S. | 45 | 38 | 16 | 5 | 4 | — | — | 25 | 2 | 1 | — | — | 2 18 0 | 2 19 7 | 5 17 7 |
| ,, | Westfield Ch. of E. S. | 84 | 55 | 31 | 7 | 5 | — | — | 43 | 1 | — | 1 | 1 | 4 10 0 | 1 0 10 | 5 10 10 |
| Hemel Hempstead | Apsley End Ch. of E. S. | 80 | 69 | 28 | 21 | 8 | — | 2 | 59 | 2 | 1 | — | 1 | 6 14 0 | 1 17 9 | 8 11 9 |
| ,, | George St. Boys' N. S. | 140 | 59 | 36 | 10 | 5 | — | — | 51 | — | — | — | — | 4 11 0 | 0 11 0 | 5 2 0 |
| ,, | Two Waters B. S. | 30 | 27 | 16 | 4 | 3 | — | — | 23 | 1 | — | — | — | 2 13 0 | 0 6 7 | 2 19 7 |
| Hertford | Cowbridge St. B. S. | 60 | 44 | 12 | 5 | 1 | — | — | 18 | 1 | — | — | — | 1 5 0 | 0 2 3 | 1 7 3 |
| ,, | Cowper Testimonial S. | 100 | 89 | 58 | 6 | 2 | — | — | 66 | 3 | — | — | — | 4 16 0 | 0 4 4 | 5 0 4 |
| Hitchin | Queen Street B. S. | 178 | 167 | 91 | 19 | 6 | — | — | 116 | — | — | — | — | 8 7 0 | 0 12 6 | 8 19 6 |
| ,, | St. Mary's S. | 160 | 92 | 33 | 11 | 2 | — | — | 46 | — | — | — | — | 4 1 0 | 0 4 0 | 4 5 0 |
| Hoddesdon | N. S. | 60 | 52 | 25 | 5 | 1 | — | — | 31 | — | — | — | — | 2 18 0 | 0 2 2 | 3 0 2 |
| King's Langley | N. S. | 30 | 20 | 11 | 6 | 1 | — | — | 18 | — | — | — | — | 1 6 0 | 0 2 2 | 1 8 2 |
| St. Albans | St. Peter's N. S. | 60 | 40 | 14 | 4 | 1 | — | — | 19 | — | — | — | — | 1 5 0 | 0 2 2 | 1 7 2 |
| ,, | Spencer Street B. S. | 50 | 50 | 28 | 11 | 3 | — | — | 42 | — | — | — | — | 3 19 0 | 0 6 2 | 4 5 2 |
| Stevenage | N. S. | 160 | 114 | 43 | 12 | 5 | — | — | 60 | — | — | — | — | 5 2 0 | 0 10 10 | 5 12 10 |
| Watford | Beechen Green B. S. | 71 | 45 | 20 | 18 | 6 | — | — | 44 | 3 | 1 | — | 1 | 5 14 0 | 0 12 8 | 6 6 8 |
| ,, | Church Lane N. S. | 50 | 36 | 28 | 4 | 2 | — | — | 34 | — | — | — | — | 3 2 0 | 0 4 0 | 3 6 0 |
| ,, | Fuller's Free S. | 50 | 31 | 18 | 9 | 4 | — | — | 31 | — | — | — | — | 3 8 0 | 0 8 8 | 3 16 8 |

Appendix C.

DRAWING IN ELEMENTARY DAY SCHOOLS.

Appendix C.

DRAWING IN ELEMENTARY DAY SCHOOLS.

Instruction in Drawing in Elementary Day Schools—*continued.*

| Town. | Name of School. | Total No. of Children receiving Drawing. | No. examined in 1st and 2nd Grades. | No. satisfactorily taught, 1st Grade. | No. showing proficiency, 1st Grade. | No. who excelled and obtained Prizes, 1st Grade. | No. of Children who passed in 2nd Grade. | No. of Children who obtained Prizes in 2nd Grade. | No. of Children on whom Payments were made. | No. of Pupil-teachers and paid Monitors examined. | No. of Pupil-teachers passed. | No. of Pupil-teachers and paid Monitors who obtained Prizes. | No. of Pupil-teachers and paid Monitors on whom Payments were made. | Amount of Payments made to the School on account of Drawing. | Cost of Prizes and Examples. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | £ s. d. | £ s. d. | £ s. d. |
| Watford | London Orphan Asyl. | 410 | 312 | 136 | 102 | 56 | 7 | 4 | 305 | — | — | — | — | 29 3 0 | 7 18 1 | 37 1 1 |
| " | S. Andrew's S. | 66 | 40 | 20 | 10 | 3 | — | — | 33 | 1 | — | — | — | 3 9 0 | 0 6 6 | 3 15 6 |
| HUNTINGDON. | | | | | | | | | | | | | | | | |
| Fenstanton | Village S. | 85 | 58 | 32 | 6 | 6 | — | — | 44 | 4 | — | — | — | 4 2 0 | 0 13 3 | 4 15 3 |
| Godmanchester | B. S. | 60 | 31 | 20 | 6 | 4 | — | — | 30 | 2 | 1 | — | — | 3 14 0 | 0 8 9 | 4 2 9 |
| Huntingdon | Chapel Lane B. S. | 55 | 42 | 27 | 6 | 2 | — | — | 35 | 3 | 1 | — | 1 | 3 15 0 | 1 9 10 | 5 4 10 |
| " | North End N. S. | 89 | 84 | 48 | 10 | 3 | — | — | 61 | 4 | — | — | — | 4 4 0 | 0 6 6 | 4 10 6 |
| Peterborough | Woodstone Ch. of E. S. | 45 | 40 | 19 | 8 | 5 | — | — | 32 | 1 | 1 | — | 1 | 4 0 0 | 0 10 8 | 4 10 8 |
| St. Ives | All Saints' N. S. | 14 | 10 | 4 | 4 | 2 | — | — | 10 | — | — | — | — | 0 18 0 | 0 4 4 | 1 2 4 |
| " | North Road B. S. | 140 | 91 | 47 | 27 | 15 | — | — | 89 | 8 | 1 | 1 | 2 | 10 6 0 | 2 2 8 | 12 8 8 |
| St. Neot's | High Street Free S. | 83 | 39 | 18 | 2 | 1 | — | — | — | 6 | 1 | — | — | Nil. | 0 2 2 | 0 2 2 |
| " | New Street Wes. S. | 73 | 46 | 26 | 11 | 6 | — | — | 43 | 2 | — | — | — | 4 6 0 | 0 13 3 | 4 19 3 |
| KENT. | | | | | | | | | | | | | | | | |
| Ashford | S. E. Railway S. | 100 | 123 | 63 | 36 | 24 | — | — | 123 | 4 | 1 | — | — | 11 7 0 | 2 12 2 | 13 19 2 |
| " | West Street B. S. | 125 | 98 | 60 | 22 | 4 | 1 | — | 87 | 4 | — | — | 1 | 7 11 0 | 0 8 4 | 7 19 4 |
| Bexley Heath | Christ Ch. N. S. | 70 | 55 | 37 | 11 | 3 | — | — | 51 | — | — | — | — | 4 8 0 | 0 6 7 | 4 14 7 |
| Birchington | N. S. | 100 | 60 | 37 | 8 | 2 | — | — | 47 | 1 | — | — | — | 3 19 0 | 0 4 4 | 4 3 4 |
| Boughton Monchelsea. | Bd. S. | 127 | 99 | 45 | 2 | 1 | — | — | 48 | 2 | — | — | — | 3 12 0 | 0 2 0 | 3 14 0 |
| Bromley | N. S. | 80 | 63 | 43 | 15 | 6 | — | — | 64 | 6 | — | — | — | 5 11 0 | 0 13 0 | 6 14 0 |
| Brompton, New | Lower Britton Street Wes. S. | 352 | 213 | 120 | 13 | 3 | 2 | — | 138 | 9 | — | — | — | 9 5 0 | 0 6 6 | 9 11 6 |
| Burham | St. Mark's S., Ch. of E. | 196 | 185 | 99 | 30 | 10 | 1 | — | 140 | 5 | 2 | — | 2 | 11 14 0 | 1 2 1 | 12 16 1 |
| " | Boys' S. | 30 | 25 | 12 | 9 | 4 | — | — | 25 | 2 | — | — | — | 3 2 0 | 0 8 8 | 3 10 8 |
| Canterbury | St. John's Bd. S. | 80 | 71 | 38 | 26 | 7 | — | — | 71 | 2 | 2 | — | 2 | 7 11 0 | 0 15 0 | 8 6 0 |
| Chatham | Old Brompton Trin. N. S. | 80 | 61 | 31 | 16 | 6 | — | — | 53 | 2 | 2 | — | 2 | 6 1 0 | 0 13 2 | 6 14 2 |
| " | St. John's N. S. | 158 | 86 | 47 | 32 | 4 | — | — | 83 | 4 | 2 | — | 2 | 8 3 0 | 0 8 8 | 8 11 8 |
| " | St. Mary's N. S. | 60 | 40 | 18 | 3 | 2 | — | — | 23 | 1 | — | — | — | 1 10 0 | 0 4 2 | 1 14 2 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dartford - - | Waterside Wes. S. - | 70 | 63 | 37 | 8 | 1 | — | — | 46 | 9 | 2 | — | 2 | 4 16 0 | 0 2 2 | 4 18 2 |
| Deal - - - | Union Street Wes. S. - | 80 | 60 | 20 | 4 | 1 | — | — | 25 | 2 | — | — | — | 2 11 0 | 0 2 0 | 2 13 0 |
| Deptford - - | John Addey's S. - | 156 | 95 | 57 | 15 | 2 | — | — | 74 | — | — | — | — | 5 13 0 | 0 4 2 | 5 17 2 |
| " - - | Mary Anne's Buildings Wes. S. | 65 | 51 | 29 | 8 | 4 | — | — | 41 | — | — | — | — | 3 17 0 | 0 8 0 | 4 5 0 |
| " - - | St. John's N. S. - | 88 | 73 | 34 | 24 | 8 | 1 | — | 67 | 7 | 5 | — | 5 | 9 1 0 | 0 17 2 | 9 18 2 |
| " - - | St. Joseph's R. C. S. - | 50 | 44 | 36 | 6 | 1 | — | — | 43 | — | — | — | — | 3 11 0 | 0 2 2 | 3 13 2 |
| " - - | St. Nicholas' S. - | 55 | 22 | 8 | 11 | 2 | — | — | 21 | 2 | — | — | — | 2 16 0 | 0 4 4 | 3 0 4 |
| " - - | St. Paul's N. S. - | 207 | 207 | 123 | 49 | 18 | — | — | 190 | 10 | 4 | 2 | 6 | 17 15 0 | 2 14 11 | 20 9 11 |
| Dover - - | Charlton Churchyard N. S. | 25 | 24 | 10 | 8 | 3 | — | — | 21 | 1 | — | — | — | 2 15 0 | 0 6 7 | 3 1 7 |
| " - - | Christ Ch. N. S. - | 31 | 31 | 15 | 6 | 1 | — | — | 22 | — | — | — | — | 2 10 0 | 0 2 2 | 2 12 2 |
| " - - | Finnis Hill B. S. - | 160 | 104 | 56 | 8 | 1 | — | — | 65 | 5 | 1 | — | 1 | 5 5 0 | 0 2 3 | 5 7 3 |
| " - - | Queen Street N. S. - | 150 | 130 | 61 | 47 | 21 | — | — | 129 | 7 | 3 | 2 | 5 | 15 8 0 | 3 4 6 | 18 12 6 |
| " - - | Trinity Dist. S. - | 82 | 75 | 38 | 18 | 5 | 1 | — | 62 | 1 | 1 | — | 1 | 6 4 0 | 0 10 10 | 6 14 10 |
| Farnborough - | Bd. S. - - - | 45 | 56 | 20 | 7 | 2 | — | — | 29 | 4 | — | — | — | 3 0 0 | 0 4 6 | 3 4 6 |
| Faversham - - | N. S. - - - | 149 | 40 | 32 | 23 | 5 | — | — | 60 | 15 | 4 | 1 | 5 | 8 13 0 | 0 14 7 | 9 7 7 |
| Folkestone - - | Dover Road B. S. - | 150 | 66 | 45 | 14 | 3 | — | — | 62 | 3 | — | — | — | 5 2 0 | 0 6 7 | 5 8 7 |
| " - - | Grace Hill Wes. S. - | 112 | 73 | 49 | 8 | 3 | — | — | 60 | — | — | — | — | 4 14 0 | 0 6 8 | 5 0 8 |
| " - - | St. Mary's N. S. - | 100 | 60 | 44 | 10 | 3 | — | — | 57 | — | — | — | — | 4 13 0 | 0 6 6 | 4 19 6 |
| Gillingham - - | N. S. - - - | 76 | 49 | 36 | 3 | 1 | — | — | 40 | — | — | — | — | 3 5 0 | 0 2 2 | 3 7 2 |
| Gravesend - - | Milton B. S. - - | 130 | 102 | 61 | 15 | 7 | — | — | 83 | 2 | 1 | — | 1 | 7 2 0 | 0 14 10 | 7 16 10 |
| " - - | " Trin S. - | 130 | 80 | 49 | 8 | 1 | — | — | 47 | 5 | — | — | — | 3 14 0 | 0 2 2 | 3 16 2 |
| " - | Princes Street B. S. - | 150 | 143 | 83 | 16 | 3 | 1 | — | 103 | 6 | — | — | — | 7 9 0 | 0 6 7 | 7 15 7 |
| *Greenwich Division of London School Board.* | Deptford, Clifton Rd. Boys' S. | 295 | 213 | 129 | 10 | — | — | — | 139 | 5 | 1 | — | 1 | 8 19 0 | Nil. | 8 19 0 |
| " - | Deptford, Clifton Rd. Girls' S. | 75 | 50 | 32 | 5 | 4 | — | — | 41 | 5 | — | — | — | 3 14 0 | 0 8 8 | 4 2 8 |
| " - | Deptford, Creek Road Boys' S. | 126 | 100 | 70 | 6 | 1 | — | — | 77 | 17 | — | — | — | 5 5 0 | 0 2 2 | 5 7 2 |
| " - | Deptford, Creek Road Girls' S. | 80 | 54 | 29 | 4 | — | — | — | 33 | — | — | — | — | 2 17 0 | Nil. | 2 17 0 |
| " - | Deptford, Duke St. S. | 80 | 59 | 28 | 4 | 2 | — | — | 34 | — | — | — | — | 3 2 0 | 0 4 4 | 3 6 4 |
| " - | Deptford, Giffin St. Boys' S. | 120 | 80 | 40 | 12 | 6 | — | — | 58 | 3 | 3 | — | 3 | 6 12 0 | 0 13 0 | 7 5 0 |
| " - | Deptford, Hughes' Fields Boys' S. | 200 | 101 | 58 | 14 | 7 | — | — | 79 | — | — | — | — | 6 7 0 | 0 15 2 | 7 2 2 |
| " - | Deptford, Hughes' Fields Girls' S. | 40 | 26 | 18 | 2 | — | — | — | 20 | — | — | — | — | 2 2 0 | Nil. | 2 2 0 |
| " - | Eltham, Elm Terrace S. | 22 | 22 | 10 | 3 | — | — | — | 16 | — | — | — | — | 0 16 0 | Nil. | 0 16 0 |
| " - | Forest Hill, Grove Rd. Boys' S. | 150 | 90 | 39 | 6 | 3 | — | — | 48 | 4 | 2 | — | 2 | 5 0 0 | 0 6 6 | 5 6 6 |
| " - | Forest Hill, Grove Rd. Girls' S. | 120 | 55 | 26 | 7 | 4 | — | — | 37 | 4 | 2 | — | 2 | 4 12 0 | 0 8 8 | 5 0 8 |

## Instruction in Drawing in Elementary Day Schools—*continued.*

| Town. | Name of School. | Total No. of Children taught Drawing. | No. examined in 1st and 2nd Grades. | No. satisfactorily taught, 1st Grade. | No. showing proficiency, 1st Grade. | No. who excelled and obtained Prizes, 1st Grade. | No. of Children who passed in 2nd Grade. | No. of Children who obtained Prizes in 2nd Grade. | No. of Children on whom Payments were made. | No. of Pupil-teachers and paid Monitors examined. | No. of Pupil-teachers and paid Monitors passed. | No. of Pupil-teachers and paid Monitors who obtained Prizes. | No. of Pupil-teachers and paid Monitors on whom Payments were made. | Amount of Payments made to the School on account of Drawing. | Cost of Prizes and Examples. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | £ s. d. | £ s. d. | £ s. d. |
| Greenwich Division —*cont.* | Greenwich, East, Christ Ch. N. S. | 80 | 59 | 42 | 9 | 3 | — | — | 54 | — | — | — | — | 4 9 0 | 0 6 4 | 4 15 4 |
| ,, | Greeenwich, East, Old Woolwich Rd. S. | 265 | 135 | 97 | 9 | 5 | — | — | 111 | 4 | 3 | — | 3 | 9 0 0 | 0 11 0 | 9 11 0 |
| | Greenwich, East, Trinity N. S. | 116 | 60 | 33 | 16 | 4 | — | — | 53 | — | — | — | — | 4 17 0 | 0 8 8 | 5 5 8 |
| ,, | Greenwich, Park St. S. | 126 | 105 | 77 | 12 | 3 | — | — | 92 | 3 | 1 | — | 1 | 7 10 0 | 0 6 4 | 7 16 4 |
| ,, | Greenwich, Roan St. S. | 150 | 124 | 73 | 17 | 12 | — | — | 102 | — | — | — | — | 8 3 0 | 1 6 0 | 9 9 0 |
| ,, | Greenwich, South St. Boys' S. | 40 | 103 | 41 | 11 | 5 | — | — | 57 | 5 | 2 | — | 2 | 6 8 0 | 0 10 10 | 6 18 10 |
| ,, | Greenwich, South St. Girls' S. | 185 | 35 | 27 | 2 | 1 | — | — | 30 | 2 | 1 | — | 1 | 3 4 0 | 0 2 2 | 3 6 2 |
| ,, | Lewisham Bridge S. | 100 | 34 | 15 | 10 | 5 | — | — | 30 | 3 | 2 | 1 | 3 | 6 0 0 | 0 15 9 | 6 15 9 |
| ,, | Plumstead, Burrage Grove Boys' S. | 250 | 206 | 92 | 64 | 16 | — | — | 172 | 6 | 4 | 1 | 5 | 16 18 0 | 3 11 5 | 20 9 5 |
| ,, | Plumstead, Burrage Grove Girls' S. | 80 | 80 | 42 | — | — | — | — | 42 | — | — | — | — | 3 2 0 | Nil. | 3 2 0 |
| ,, | Plumstead, Conduit Road S. | 253 | 253 | 99 | 31 | 13 | — | — | 143 | 2 | 2 | — | 2 | 12 0 0 | 1 8 2 | 13 8 2 |
| ,, | Plumstead, Robert St. S. | 180 | 158 | 117 | 17 | 4 | — | — | 138 | — | — | — | — | 9 3 0 | 0 8 11 | 9 11 11 |
| ,, | Sydenham Hill Boys' S. | 200 | 100 | 84 | 18 | 5 | — | — | 107 | 4 | 2 | — | 2 | 8 15 0 | 0 10 6 | 9 5 6 |
| ,, | Sydenham Hill Girls' S. | 95 | 46 | 28 | 2 | 1 | — | — | 31 | 2 | 1 | — | 1 | 3 5 0 | 0 2 2 | 3 7 2 |
| ,, | Woolwich, Powis St. S. | 140 | 95 | 53 | 8 | 1 | — | — | 62 | — | — | — | — | 4 12 0 | 0 2 2 | 4 14 2 |
| Hawkhurst | Dunk's End. S. | 38 | 24 | 12 | 7 | 3 | — | — | 22 | — | — | — | — | 2 15 0 | 1 12 1 | 4 7 1 |
| Ightham | N. S. | 55 | 45 | 27 | 2 | 1 | — | — | 30 | 2 | — | — | — | 2 14 0 | 0 2 2 | 2 16 2 |
| Lee | Boone Street B. S. | 105 | 56 | 30 | 22 | 3 | — | — | 55 | — | — | — | — | 5 3 0 | 0 6 7 | 5 9 7 |
| Lewisham | St. Stephen's S. | 70 | 51 | 35 | 1 | — | — | — | 36 | — | — | — | — | 2 17 0 | 1 3 10 | 4 0 10 |
| Maidstone | Brewer Street Wes. S. | 90 | 63 | 37 | 6 | 1 | — | — | 44 | 1 | — | — | — | 3 12 0 | 0 2 2 | 3 14 2 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ,, | St. Paul's S. | 56 | 41 | 16 | 21 | 4 | — | — | 41 | 2 | — | — | — | 4 10 0 | 0 8 8 | 4 18 8 |
| Paddock Wood | N. S. | 80 | 65 | 39 | — | — | — | — | 39 | — | — | — | — | 2 19 0 | Nil. | 2 19 0 |
| Plaxtol | N. S. | 30 | 15 | 10 | 2 | 1 | — | — | 13 | — | — | — | — | 0 17 0 | 0 2 2 | 0 19 2 |
| Plumstead | St. James' B. S. | 153 | 105 | 52 | 42 | 7 | 2 | — | 103 | 7 | 2 | 1 | 3 | 10 17 0 | 1 5 6 | 12 2 6 |
| ,, | St. John's N. S. | 80 | 98 | 55 | 4 | 1 | — | — | 60 | — | — | — | — | 4 6 0 | 0 2 2 | 4 8 2 |
| Ramsgate | Christ Ch. N. S. | 126 | 101 | 50 | 14 | 1 | — | — | 65 | 2 | — | — | — | 5 1 0 | 5 3 11 | 10 4 11 |
| Rochester | St. Nicholas' N. S. | 80 | 74 | 50 | 17 | 2 | — | — | 69 | — | — | — | — | 5 10 0 | 0 4 2 | 5 14 2 |
| ,, | Troy Town Boys' Bd. S. | 200 | 159 | 73 | 23 | 6 | — | — | 102 | 5 | — | — | — | 7 17 0 | 1 18 6 | 9 15 6 |
| ,, | Troy Town Girls' Bd. S. | 160 | 128 | 57 | 5 | 3 | — | — | 65 | — | — | — | — | 4 16 0 | 1 11 6 | 6 7 6 |
| Selling | N. S. | 36 | 21 | 15 | 2 | 1 | — | — | 18 | 2 | — | — | — | 1 2 0 | 0 2 2 | 1 4 2 |
| Sheerness | Trin. N. S. | 250 | 216 | 97 | 19 | 3 | 2 | — | 119 | 4 | 1 | — | — | 8 4 0 | 0 6 7 | 8 10 7 |
| ,, | Wes. S. | 120 | 89 | 42 | 12 | 1 | — | — | 55 | 5 | 1 | — | — | 4 9 0 | 0 2 0 | 4 11 0 |
| Sittingbourne | Wes. S. | 80 | 59 | 41 | 8 | 2 | — | — | 51 | — | — | — | — | 4 3 0 | 0 4 4 | 4 7 4 |
| Snodland | Holborough Rd. B. S. | 90 | 61 | 31 | 4 | 1 | — | — | 36 | 3 | 1 | — | 1 | 3 12 0 | 0 2 3 | 3 14 3 |
| ,, | N. S. | 50 | 40 | 28 | 6 | 3 | — | — | 37 | — | — | — | — | 3 9 0 | 0 6 6 | 3 15 6 |
| Sydenham | Trin. Boys' S. | 59 | 50 | 37 | 6 | 1 | — | — | 44 | — | — | — | — | 3 12 0 | 0 2 2 | 3 14 2 |
| ,, Lower | Bell Green N. S. | 40 | 28 | 21 | 3 | — | — | — | 24 | 2 | — | — | — | 2 7 0 | Nil. | 2 7 0 |
| Tunbridge Wells | Christ Ch. N. S. | 30 | 28 | 18 | 4 | 1 | — | — | 23 | — | — | — | — | 2 9 0 | 0 2 3 | 2 11 3 |
| ,, | St. John's N. S. | 93 | 57 | 34 | 6 | 1 | — | — | 41 | — | — | — | — | 3 9 0 | 0 2 2 | 3 11 2 |
| Warehorne | Bd. S. | 70 | 48 | 42 | 5 | 1 | — | — | 48 | 1 | 1 | — | — | 3 15 0 | 2 7 0 | 6 2 0 |
| Woolwich | King Street N. S. | 120 | 91 | 45 | 30 | 6 | 1 | — | 82 | 4 | 2 | 2 | 4 | 9 8 0 | 1 7 10 | 10 15 10 |
| ,, | St. Thomas' Par. S. | 182 | 127 | 94 | 11 | 4 | — | — | 109 | 3 | — | 1 | — | 7 8 0 | 0 19 2 | 8 7 3 |
| LANCASHIRE. | | | | | | | | | | | | | | | | |
| Accrington | Abbey Street Wes. S. | 120 | 91 | 36 | 6 | 1 | — | — | 43 | 3 | 1 | 2 | 3 | 5 11 0 | 1 2 6 | 6 13 6 |
| ,, | Christ Ch. N. S. | 100 | 58 | 39 | 6 | — | — | — | 45 | 1 | 1 | — | 1 | 4 1 0 | Nil. | 4 1 0 |
| ,, | St. James' N. S. | 120 | 101 | 60 | 9 | — | — | — | 69 | — | — | — | — | 4 18 0 | Nil. | 4 18 0 |
| ,, | St. Oswald's R. C. S. | 50 | 24 | 18 | 3 | 1 | — | — | 22 | — | — | — | — | 2 7 0 | 1 14 0 | 4 1 0 |
| ,, | Union Street Wes. S. | 160 | 94 | 61 | 19 | 4 | — | — | 84 | 4 | 3 | — | — | 6 11 0 | 0 8 10 | 6 19 10 |
| ,, | Willow Street S. | 236 | 137 | 87 | 15 | 2 | — | — | 104 | — | — | — | — | 7 3 0 | 0 4 2 | 7 7 2 |
| Adlington | N. S. | 140 | 116 | 59 | 14 | 2 | — | — | 75 | 6 | 5 | — | 5 | 8 13 0 | 1 2 11 | 9 15 11 |
| Aintree | S. | 55 | 45 | 25 | 5 | — | — | — | 30 | — | — | — | — | 2 15 0 | Nil. | 2 15 0 |
| Ashton-under-Lyne | Albion S. | 340 | 287 | 94 | 59 | 13 | 1 | — | 167 | — | — | — | — | 13 16 0 | 1 6 0 | 15 2 0 |
| ,, | Christ Ch. N. S. | 52 | 47 | 24 | 2 | — | — | — | 26 | 3 | 1 | — | 1 | 2 18 0 | Nil. | 2 18 0 |
| ,, | Hurst B. S. | 126 | 90 | 57 | 4 | 1 | — | — | 62 | — | — | — | — | 4 8 0 | 0 2 2 | 4 10 2 |
| ,, | Littlemoss ChristCh. S. | 34 | 16 | 8 | 1 | 1 | — | — | 10 | — | — | — | — | 0 13 0 | 0 2 2 | 0 15 2 |
| ,, | Par. Ch. N. S. | 95 | 80 | 48 | 20 | 9 | — | — | 77 | 5 | 3 | — | 3 | 8 5 0 | 0 19 6 | 9 4 6 |
| ,, | Ryecroft B. S. | 200 | 190 | 72 | 3 | 1 | — | — | 76 | 8 | 2 | — | 2 | 6 11 0 | 0 2 2 | 6 13 2 |
| ,, | St. James' Boys S. | 20 | 10 | 3 | 2 | 3 | — | — | 8 | — | — | — | — | 0 16 0 | 0 6 6 | 1 2 6 |
| ,, | St. Peter's N. S. | 104 | 66 | 32 | 8 | 1 | — | — | 41 | 2 | 1 | 1 | 2 | 4 11 0 | 0 12 8 | 5 3 8 |
| ,, | Trafalgar Square Meth. S. | 187 | 110 | 54 | 19 | 4 | — | — | 74 | 7 | 1 | — | — | 5 19 0 | 0 8 6 | 6 7 6 |
| ,, | Woodhouses NS. | 28 | 24 | 15 | — | 1 | — | — | 16 | — | — | — | — | 0 18 0 | 0 2 2 | 1 0 2 |
| Astley Bridge | St. Paul's N. S. | 99 | 73 | 60 | 6 | 1 | — | — | 67 | 4 | 1 | — | 1 | 5 5 0 | 0 2 2 | 5 7 2 |

Appendix C.

DRAWING IN ELEMENTARY DAY SCHOOLS

Appendix C.

DRAWING IN ELEMENTARY DAY SCHOOLS.

## Instruction in Drawing in Elementary Day Schools—*continued.*

| Town. | Name of School. | Total No. of Children receiving Drawing. | No. examined in 1st and 2nd Grades. | No. satisfactorily taught, 1st Grade. | No. showing proficiency, 1st Grade. | No. who excelled and obtained Prizes, 1st Grade. | No. of Children who passed in 2nd Grade. | No. of Children who obtained Prizes in 2nd Grade. | No. of Children on whom Payments were made. | No. of Pupil-teachers examined. | No. of Pupil-teachers and paid Monitors passed. | No. of Pupil-teachers and paid Monitors who obtained Prizes. | No. of Pupil-teachers and paid Monitors on whom Payments were made. | Amount of Payments made to the School on account of Drawing. | Cost of Prizes and Examples. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | £ s. d. | £ s. d. | £ s. d. |
| Astley Bridge | Wes. S. | 120 | 81 | 50 | 6 | 1 | — | — | 57 | 3 | — | — | — | 4 5 0 | 0 2 2 | 4 7 2 |
| Atherton | N. S. | 70 | 60 | 26 | 10 | 3 | — | — | 39 | 5 | 1 | — | — | 3 15 0 | 0 6 6 | 4 1 6 |
| Audenshaw | B. S. | 110 | 83 | 48 | 16 | 10 | — | 2 | 74 | 2 | 2 | — | — | 6 10 0 | 1 10 7 | 8 0 7 |
| Bacup | Mt. Pleasant Wes. S. | 100 | 78 | 45 | 1 | — | — | — | 46 | 3 | 2 | — | — | 4 7 0 | Nil. | 4 7 0 |
| ,, | Wesley Place Wes. S. | 90 | 77 | 50 | 3 | — | — | — | 58 | 4 | 1 | — | 2 | 4 16 0 | Nil. | 4 16 0 |
| Bagslate | Wes. S. | 50 | 32 | 17 | 3 | 1 | — | — | 21 | 1 | — | 1 | 1 | 2 16 0 | 0 7 5 | 3 3 5 |
| Barrow-in-Furness | Dalton Road Wes. S. | 160 | 124 | 62 | 26 | 4 | — | — | 92 | 5 | 2 | — | — | 7 6 0 | 0 8 8 | 7 14 8 |
| ,, | Island Road Boys' S. | 80 | 50 | 27 | 10 | 1 | — | — | 38 | 3 | — | — | — | 3 10 0 | 0 2 2 | 3 12 2 |
| ,, | Rawlinson St. Bd. S. | 75 | 65 | 23 | — | — | — | — | 23 | 3 | — | — | — | 2 8 0 | Nil. | 2 8 0 |
| ,, | St. George's N. S. | 110 | 85 | 61 | 18 | 3 | — | — | 82 | — | — | — | — | 6 6 0 | 0 6 6 | 6 12 6 |
| ,, | St. James' S. | 190 | 125 | 70 | 5 | — | — | — | 76 | 2 | — | — | — | 5 3 0 | 0 2 3 | 5 5 3 |
| Barton-on-Irwell | Wes. S. | 66 | 41 | 26 | 3 | — | — | — | 29 | — | — | — | — | 2 12 0 | Nil. | 2 12 0 |
| Baxenden | N. S. | 52 | 44 | 25 | 7 | — | — | — | 32 | — | — | — | — | 2 19 0 | Nil. | 2 19 0 |
| Blackburn | Barton Street S. | 96 | 78 | 43 | 11 | 2 | — | — | 56 | — | — | — | — | 4 11 0 | 0 4 4 | 4 15 4 |
| ,, | Bank Top B. S. | 140 | 18 | 59 | 13 | 14 | — | — | 86 | 1 | — | 1 | 1 | 7 17 0 | 1 18 9 | 9 15 9 |
| ,, | Chapel Street B. S. | | | | | | | | | | | | | | | |
| ,, | Penscowles Ch. of E. S. | 80 | 64 | 26 | 5 | — | — | — | 31 | — | — | — | — | 2 16 0 | Nil. | 2 16 0 |
| ,, | Christ Ch. N. S. | 250 | 158 | 102 | 23 | 12 | — | — | 137 | 4 | 2 | — | — | 10 4 0 | 1 6 5 | 11 10 5 |
| ,, | Mill Hill Independent | 103 | 70 | 45 | 5 | 3 | — | — | 53 | 3 | — | — | — | 4 4 0 | 0 6 6 | 4 10 6 |
| ,, | Parr. Ch. S. | 72 | 55 | 23 | 6 | 3 | — | — | 32 | — | — | — | — | 3 4 0 | 0 6 6 | 3 10 6 |
| ,, | Park Road Congl. S. | 130 | 110 | 72 | 27 | 3 | — | — | 102 | 4 | — | — | — | 7 15 0 | 0 6 7 | 8 1 7 |
| ,, | St. Andrew's S., Livesey. | 150 | 109 | 69 | 20 | 5 | — | — | 94 | 3 | — | — | — | 7 4 0 | 0 10 10 | 7 14 10 |
| ,, | St. John's N. S. | 233 | 180 | 123 | 12 | 4 | — | — | 139 | — | — | — | — | 8 19 0 | 0 8 11 | 9 7 11 |
| ,, | St. Luke's N. S. | 140 | 137 | 79 | 14 | — | — | — | 93 | 2 | — | — | — | 6 7 0 | Nil. | 6 7 0 |
| ,, | St. Paul's N. S. | 180 | 131 | 105 | 14 | 4 | — | — | 123 | 1 | 1 | — | — | 8 15 0 | 0 8 6 | 9 3 6 |
| ,, | St. Peter's N. S. | 240 | 188 | 100 | 30 | 7 | — | — | 137 | 2 | — | 1 | 1 | 10 11 0 | 1 5 9 | 11 16 9 |
| ,, | St. Peter's St. Wes. S. | 131 | 102 | 42 | 8 | — | — | — | 50 | 2 | — | — | — | 3 18 0 | Nil. | 3 18 0 |
| Blackpool | Christ Ch. N. S. | 35 | 30 | 23 | 5 | 1 | — | — | 29 | — | — | — | — | 2 16 0 | 0 2 2 | 2 18 2 |
| ,, | St. John's N. S. | 82 | 79 | 61 | 12 | 4 | — | — | 77 | 1 | — | — | — | 5 17 0 | 0 8 7 | 6 5 7 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ,, | Trinity N. S. | 18 | 12 | 3 | 7 | 2 | — | — | 12 | — | — | — | — | 1 3 0 | 0 4 4 | 1 7 4 |
| Blackrod | Church Street N. S. | 150 | 104 | 67 | 15 | 3 | — | — | 85 | — | — | — | — | 6 6 0 | 0 6 2 | 6 12 2 |
| ,, | Scot Lane End. Ch. S. | 87 | 70 | 32 | 5 | 2 | — | — | 39 | — | — | — | — | 3 8 0 | 3 19 4 | 7 7 4 |
| Bolton | All Saints' St. Bd. S. | 100 | 84 | 56 | 13 | 5 | — | — | 74 | 5 | 1 | — | — | 5 17 0 | 0 10 10 | 6 7 10 |
| ,, | Bank St. Public S. | 80 | 60 | 41 | 9 | 3 | — | — | 53 | 5 | — | — | — | 4 8 0 | 0 6 4 | 4 14 4 |
| ,, | Bridge St. Wes. S. | 73 | 73 | 44 | 9 | 1 | 1 | — | 54 | 1 | 1 | — | — | 4 5 0 | 0 2 2 | 4 7 2 |
| ,, | Christ Ch. N. S. | 120 | 112 | 78 | 11 | 2 | — | — | 91 | 2 | — | — | — | 6 6 0 | 0 4 4 | 6 10 4 |
| ,, | Emmanuel N. S. | 250 | 201 | 131 | 43 | 9 | — | — | 183 | 2 | 2 | — | 2 | 14 4 0 | 0 19 2 | 15 3 2 |
| ,, | Fletcher St. Wes. S. | 493 | 225 | 117 | 40 | 7 | — | — | 164 | 8 | 2 | 4 | 6 | 15 18 0 | 2 14 4 | 18 12 4 |
| ,, | Folds' Road Independent Meth. S. | 78 | 47 | 35 | 7 | 2 | — | — | 44 | 4 | 1 | — | 1 | 4 5 0 | 0 4 2 | 4 9 2 |
| ,, | Halliwell Road Wes. S. | 350 | 200 | 90 | 5 | 1 | — | — | 96 | 7 | 1 | 2 | 3 | 7 13 0 | 1 3 2 | 8 16 2 |
| ,, | Hulton's Sch. | 120 | 62 | 47 | 7 | 2 | — | — | 56 | — | — | — | — | 4 7 0 | 0 4 2 | 4 11 2 |
| ,, | Lostock Junction Industrial S. | 150 | 98 | 78 | 9 | 1 | — | — | 88 | — | — | — | — | 5 19 0 | 0 2 0 | 6 1 0 |
| ,, | Mawdsley St. B. S. | 130 | 69 | 47 | 15 | 3 | — | — | 65 | 3 | 1 | — | 1 | 5 16 0 | 0 6 3 | 6 2 3 |
| ,, | St. Mark's N. S. | 200 | 176 | 118 | 15 | — | — | — | 133 | 2 | — | — | — | 8 8 0 | Nil. | 8 8 0 |
| ,, | St. Matthew's S. | 230 | 156 | 85 | 6 | 1 | — | — | 92 | 9 | — | — | — | 6 0 0 | 0 2 2 | 6 2 2 |
| ,, | Unitarian S. | 190 | 141 | 48 | 44 | 30 | — | — | 122 | 6 | 5 | — | 5 | 14 16 0 | 3 5 7 | 18 1 7 |
| ,, | Victoria (Grecian St.) Wes. S. | 400 | 217 | 133 | 21 | 14 | — | — | 168 | 6 | 1 | 4 | 5 | 15 7 0 | 2 16 3 | 18 3 3 |
| Bootle | Christ Ch. N. S. | 180 | 121 | 78 | 15 | 2 | — | — | 95 | — | — | — | — | 6 14 0 | 0 4 4 | 6 18 4 |
| ,, | St. John's N. S. | 296 | 244 | 131 | 14 | 2 | — | — | 147 | 11 | 2 | 2 | 4 | 11 5 0 | 1 4 8 | 12 9 8 |
| ,, | St. Mary's N. S. | 150 | 123 | 73 | 12 | 3 | — | — | 88 | 4 | 2 | — | 2 | 7 6 0 | 0 6 6 | 7 12 6 |
| Brow Edge | Endowed S. | 60 | 48 | 26 | 5 | — | — | — | 31 | — | — | — | — | 2 16 0 | Nil. | 2 16 0 |
| Burnley | Accrington Road Wes. S. | 102 | 100 | 38 | 2 | 1 | — | — | 41 | 2 | — | — | — | 3 5 0 | 0 2 2 | 3 7 2 |
| ,, | Fulledge Rd. Wes S. | 350 | 327 | 136 | 32 | 29 | — | — | 197 | 11 | 4 | — | 2 | 16 7 0 | 3 2 8 | 19 9 8 |
| ,, | Higham Wes. S. | 55 | 47 | 26 | 14 | 1 | — | — | 41 | — | — | — | — | 3 17 0 | 0 2 2 | 3 19 2 |
| ,, | Red Lion St. Wes. S. | 550 | 491 | 190 | 26 | 4 | — | — | 220 | — | — | — | — | 13 14 0 | 0 8 8 | 14 2 8 |
| ,, | St. James' N. S. | 220 | 150 | 33 | 2 | 1 | — | — | 36 | — | — | — | — | 3 0 0 | 0 2 2 | 3 2 2 |
| Bury | Bank Street B. S. | 242 | 162 | 91 | 27 | 11 | — | — | 122 | 7 | 3 | — | — | 9 0 0 | 1 3 9 | 10 3 9 |
| ,, | Brunswick S. | 150 | 114 | 48 | 7 | 9 | — | — | 64 | 5 | 3 | — | 3 | 7 9 0 | 0 19 0 | 8 8 0 |
| ,, | Central N. S. | 50 | 30 | 13 | 3 | 3 | — | — | 19 | 1 | — | — | — | 1 8 0 | 0 6 6 | 1 14 6 |
| ,, | New Road B. S. | 50 | 43 | 13 | 20 | 3 | — | — | 36 | — | — | — | — | 4 2 0 | 0 6 6 | 4 8 6 |
| ,, | Pits-o'th-Moor Wes. S. | 350 | 212 | 86 | 44 | 11 | — | — | 141 | 7 | 1 | — | — | 11 7 0 | 1 3 11 | 12 10 11 |
| ,, | St. Paul's Ch. of E. S. | 95 | 91 | 40 | 17 | 4 | — | — | 61 | — | — | — | — | 5 6 0 | 0 8 4 | 5 14 4 |
| ,, | St. Peter's Ch. of E. S. | 55 | 43 | 35 | 5 | 1 | — | — | 41 | 1 | — | — | — | 3 8 0 | 0 2 2 | 3 10 2 |
| Cadishead | Wes. S. | 60 | 34 | 16 | 4 | — | — | — | 20 | — | — | — | — | 2 4 0 | Nil. | 2 4 0 |
| Chadderton | St. Luke's N. S. | 140 | 110 | 51 | 1 | — | — | — | 52 | 2 | 1 | — | 1 | 4 3 0 | Nil. | 4 3 0 |
| Chorley | Market Street Wes. S. | 208 | 158 | 55 | 10 | 2 | — | — | 67 | 10 | 4 | — | 4 | 8 1 0 | 0 4 2 | 8 5 2 |
| ,, | St. George's N. S. | 180 | 145 | 118 | 4 | 2 | — | — | 124 | 1 | 1 | — | — | 7 12 0 | 0 4 4 | 7 16 4 |
| ,, | St. James N. S. | 60 | 45 | 34 | 3 | 2 | — | — | 39 | 4 | — | — | — | 3 6 0 | 0 4 4 | 3 10 4 |
| Chorlton-cum-Hardy | N. S. | 130 | 32 | 18 | 10 | 3 | — | — | 31 | 2 | — | — | — | 3 7 0 | 0 6 6 | 3 13 6 |
| Chorlton-on-Medlock. | Wes. S. | 166 | 144 | 65 | 16 | 4 | 1 | — | 85 | 4 | 1 | — | — | 6 9 0 | 0 8 11 | 6 17 11 |

Appendix C

DRAWING IN ELEMENTARY DAY SCHOOLS.

Appendix C.

DRAWING IN ELEMENTARY DAY SCHOOLS.

## Instruction in Drawing in Elementary Day Schools—*continued.*

| Town. | Name of School. | Total No. of Children receiving Drawing. | No. examined in 1st and 2nd Grades. | No. satisfactorily taught, 1st Grade. | No. showing proficiency, 1st Grade. | No. who excelled and obtained Prizes, 1st Grade. | No. of Children who passed in 2nd Grade. | No. of Children who obtained Prizes in 2nd Grade. | No. of Children on whom Payments were made. | No. of Pupil-teachers and paid Monitors examined. | No. of Pupil-teachers and paid Monitors passed. | No. of Pupil-teachers and paid Monitors who obtained Prizes. | No. of Pupil-teachers paid Monitors on whom Payments were made. | Amount of Payments made to the School on account of Drawing. | Cost of Prizes and Examples. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | £ s. d. | £ s. d. | £ s. d. |
| Chowbent | B. S. | 130 | 108 | 76 | 12 | — | — | — | 83 | 5 | 2 | — | — | 10 10 0 | 0 10 6 | 11 0 6 |
| Church | Ch. of E. S. | 60 | 47 | 18 | 7 | 3 | — | — | 28 | 7 | 5 | 2 | 1 | 7 11 0 | 1 1 7 | 8 12 7 |
| Clitheroe | Wes. S. | 204 | 102 | 42 | 12 | 4 | — | — | 58 | 5 | — | — | — | 5 8 0 | 0 8 8 | 5 16 8 |
| Cloughfold | Irwell Pub. S. | 120 | 109 | 41 | 7 | 1 | — | — | 49 | 5 | — | — | — | 5 18 0 | 0 2 3 | 4 0 3 |
| Colne | Wes. S. | 120 | 94 | 56 | 18 | 7 | — | — | 75 | — | — | — | — | 5 15 0 | 0 2 2 | 5 17 2 |
| Dalton-in-Furness | N. S. | 204 | 182 | 113 | 29 | 6 | 2 | — | 150 | — | 2 | — | — | 10 19 0 | 0 13 0 | 11 12 0 |
| ,, | Wes. S. | 147 | 121 | 82 | 8 | — | — | — | 40 | 3 | 3 | — | — | 3 18 0 | Nil. | 3 18 0 |
| Darcy Lever | Wes. S. | 70 | 57 | 37 | 9 | 1 | — | — | 47 | — | 1 | — | — | 3 18 0 | 0 2 2 | 4 0 2 |
| Davyhulme | Wes. S. | 92 | 70 | 36 | 6 | 3 | — | — | 45 | 1 | 1 | — | — | 3 17 0 | 0 6 8 | 3 3 8 |
| Didsbury | Wes. S. | 150 | 69 | 32 | 7 | 6 | — | — | 72 | — | 2 | — | — | 6 11 0 | 0 12 8 | 7 3 8 |
| Droylesden | B. S. | 350 | 119 | 54 | 35 | 9 | — | — | 163 | 4 | 1 | 2 | 2 | 13 6 0 | 1 13 3 | 14 19 3 |
| Eagley Mills | B. S. | 200 | 67 | 54 | 7 | 2 | — | — | 63 | 3 | 3 | — | — | 6 4 0 | 0 4 4 | 6 8 4 |
| Barlestown | Cross Lane Wes. S. | 200 | 100 | 38 | 10 | — | — | — | 68 | 4 | 2 | — | — | 5 18 0 | Nil. | 5 18 0 |
| Eccles | Broomhouse Lane N. S. | 70 | 55 | 35 | 10 | 2 | — | — | 47 | — | — | — | — | 4 1 0 | 0 4 4 | 4 5 4 |
| Farnworth | Wes. S. | 80 | 57 | 33 | 16 | 4 | — | — | 53 | 5 | 2 | 3 | 5 | 9 7 0 | 1 19 11 | 11 6 11 |
| Garston | N. S. | 221 | 109 | 40 | 11 | 3 | — | — | 54 | — | — | — | — | 4 11 0 | 0 6 6 | 4 17 6 |
| Gorton | M. S. and L. Ky. S. | 134 | 99 | 46 | 28 | 5 | 3 | — | 32 | — | — | — | — | 7 12 0 | 0 10 9 | 8 2 9 |
| Haigh | N. S. | 64 | 37 | 23 | 8 | 4 | — | — | 35 | 2 | — | — | — | 3 11 0 | 0 8 2 | 3 19 2 |
| Haslingden | Wes. S. | 160 | 120 | 44 | 8 | — | — | — | 52 | 5 | — | — | — | 3 3 0 | Nil. | 3 3 0 |
| Haverthwaite | Ch. of E. S. | 12 | 7 | 5 | 2 | — | — | — | 7 | — | — | — | — | 0 9 0 | 0 0 0 | 0 9 0 |
| Helmshore | Mushury N. S. | 102 | 76 | 35 | 5 | — | — | — | 40 | 2 | — | — | — | 3 15 0 | Nil. | 3 15 0 |
| Heywood | Heady Hill N. S. | 80 | 62 | 42 | 8 | 2 | — | — | 52 | — | 1 | — | 1 | 4 4 0 | 0 4 4 | 4 8 4 |
| ,, | Hill Street Wes. S. | 70 | 40 | 22 | 7 | 4 | — | — | 33 | — | — | — | — | 3 3 0 | 0 8 8 | 3 16 8 |
| ,, | Hopwood Meth. Free C. S. | 210 | 118 | 64 | 10 | 5 | — | — | 69 | 3 | 1 | 1 | 2 | 6 9 0 | 1 0 9 | 7 9 9 |
| ,, | Queen Street B. S. | 160 | 46 | 28 | 6 | 3 | — | — | 37 | 2 | 2 | — | — | 3 9 0 | 0 6 6 | 3 15 6 |
| ,, | St. James' N. S. | 160 | 106 | 63 | 12 | 1 | — | — | 66 | — | — | — | — | 5 0 0 | 0 2 2 | 5 2 2 |
| Horwich | Old S. | 83 | 49 | 32 | 4 | 2 | — | — | 38 | 1 | 1 | — | — | 3 6 0 | 0 4 4 | 3 10 4 |
| Huncoat | Wes. S. | 62 | 43 | 29 | 2 | 2 | — | — | 33 | 1 | 1 | — | — | 2 19 0 | 0 4 4 | 3 3 4 |
| Ince | Central S. | 210 | 191 | 129 | 29 | 3 | — | — | 161 | 6 | 2 | — | 2 | 11 16 0 | 0 6 9 | 12 2 9 |

Appendix C.

DRAWING IN ELEMENTARY DAY SCHOOLS.

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kersal | St. Paul's N. S. | 60 | 40 | 34 | 6 | — | — | — | 40 | 2 | — | — | — | 3 6 0 | Nil. | 3 6 0 |
| Lancaster | St. Leonard Gate N. S. | 360 | 211 | 119 | 42 | 21 | 1 | — | 183 | 9 | 1 | 2 | 3 | 16 11 0 | 3 5 8 | 19 16 8 |
| " | St. Thomas' N. S. | 130 | 97 | 39 | 16 | 10 | — | 1 | 66 | 1 | — | — | — | 6 6 0 | 1 11 7 | 7 17 7 |
| Lees | Meth. B. S. | 80 | 60 | 36 | 10 | 4 | — | — | 50 | 1 | 1 | — | 1 | 4 18 0 | 0 8 8 | 5 6 8 |
| Leigh | Bedford Wes. S. | 150 | 115 | 52 | 16 | 4 | — | — | 72 | — | — | — | — | 5 16 0 | 0 8 8 | 6 4 8 |
| " | N. S. | 70 | 58 | 16 | 6 | 1 | — | — | 23 | 1 | 1 | — | — | 2 11 0 | 0 2 2 | 2 13 2 |
| " | Pennington Christ Ch. S. | 60 | 36 | 20 | 3 | 2 | — | — | 25 | 3 | 1 | 1 | 2 | 3 12 0 | 0 14 10 | 4 6 10 |
| Lever Bridge | N. S. (Boys') | 60 | 36 | 13 | 11 | 1 | — | — | 25 | 1 | 1 | — | 1 | 3 8 0 | 0 2 2 | 3 10 2 |
| " | N. S. (Girls') | 40 | 30 | 18 | 10 | — | — | — | 28 | — | — | — | — | 1 18 0 | Nil. | 1 18 0 |
| Lever, Little | Wes. S. | 130 | 100 | 39 | 9 | 2 | — | — | 50 | — | — | — | — | 4 3 0 | 0 4 | 4 7 4 |
| Littleborough | Par. S. | 80 | 64 | 31 | 5 | 3 | — | — | 39 | 1 | — | — | — | 3 10 0 | 0 6 7 | 3 16 7 |
| " | Smithy Lane Meth. S. | 50 | 30 | 14 | 4 | 2 | — | — | 20 | — | — | — | — | 2 8 0 | 0 4 4 | 2 12 4 |
| Liverpool | Aigburth, St. Anne's S. | 150 | 112 | 49 | 13 | 5 | — | — | 67 | 6 | 3 | — | 3 | 7 0 0 | 0 10 4 | 7 10 4 |
| " | Blue Coat S. | 250 | 227 | 85 | 65 | 33 | 5 | 1 | 189 | — | — | — | — | 18 4 0 | 8 18 6 | 27 2 6 |
| " | Brunswick Wes. S. (Boys'). | 350 | 259 | 108 | 56 | 7 | 2 | — | 173 | 15 | 6 | — | 6 | 16 11 0 | 0 15 3 | 17 6 3 |
| " | Brunswick Wes S. (Girls'). | 180 | 118 | 48 | 12 | — | — | — | 60 | — | — | — | — | 4 12 0 | Nil. | 4 12 0 |
| " | Chatworth St. Bd. S. | 90 | 46 | 27 | 11 | 3 | — | — | 41 | 10 | 1 | — | 1 | 4 8 0 | 0 6 7 | 4 14 7 |
| " | Christ Ch. N. S. (Aughton Street). | 286 | 204 | 113 | 21 | 7 | — | — | 141 | 4 | — | — | — | 9 16 0 | 0 15 3 | 10 11 3 |
| " | Christ Ch. S. (Christian Street). | 218 | 74 | 51 | 9 | 5 | — | — | 65 | 1 | — | — | — | 5 4 0 | 0 10 9 | 5 14 9 |
| " | Cranmer Wes. S. | 200 | 100 | 45 | 29 | 5 | — | — | 79 | — | — | — | — | 6 18 0 | 0 10 10 | 7 8 10 |
| " | Edge Hill, St. Mary's S. | 280 | 211 | 98 | 19 | 4 | — | — | 121 | 7 | 2 | — | 2 | 9 8 0 | 0 8 10 | 9 16 10 |
| " | Everton, Queen's Rd. Bd. S. | 260 | 215 | 125 | 47 | 8 | — | — | 180 | — | — | — | — | 13 3 0 | 0 17 4 | 14 0 4 |
| " | " St. Chrysostom's Boys' S. | 212 | 173 | 97 | 36 | 8 | — | — | 141 | — | — | — | — | 10 13 0 | 0 17 5 | 11 10 5 |
| " | " St. Chrysostom's Girls' S. | 150 | 70 | 24 | 3 | 1 | — | — | 28 | — | — | — | — | 2 13 0 | 0 2 2 | 2 15 2 |
| | " St. George's N. S. | 300 | 212 | 96 | 36 | 19 | — | — | 151 | 5 | 1 | — | 1 | 12 15 0 | 2 2 0 | 14 17 0 |
| " | " St. Peter's N. S. | 400 | 327 | 218 | 26 | 4 | — | — | 248 | 1 | — | — | — | 16 2 0 | 0 8 8 | 16 10 8 |
| " | " St. Saviour's N. S (Boys'). | 267 | 165 | 104 | 13 | 1 | — | — | 118 | — | — | — | — | 7 13 0 | 0 2 2 | 7 15 2 |
| " | " St. Saviour's N. S. (Girls'). | 80 | 96 | 40 | 19 | 4 | — | — | 54 | — | — | — | — | 4 12 0 | 0 8 6 | 5 0 6 |
| " | Great Homer Wes. S. | 500 | 300 | 114 | 48 | 31 | — | — | 193 | 4 | 2 | 1 | 3 | 19 3 0 | 3 16 7 | 22 19 7 |
| " | Harrington B. S. | 331 | 201 | 115 | 16 | 2 | — | — | 133 | 10 | — | — | — | 8 13 0 | 0 4 4 | 8 17 4 |
| " | Hope Street S. | 510 | 360 | 122 | 68 | 25 | 11 | 2 | 228 | 5 | 6 | — | 6 | 23 18 0 | 3 12 2 | 27 10 2 |

## Instruction in Drawing in Elementary Day Schools—*continued.*

| Town. | Name of School. | Total No. of Children taught Drawing. | No. examined in 1st and 2nd Grades. | No. satisfactorily taught, 1st Grade. | No. showing proficiency, 1st Grade. | No. who excelled and obtained Prizes, 1st Grade. | No. of Children who passed in 2nd Grade. | No. of Children who obtained Prizes in 2nd Grade. | No. of Children on whom Payments were made. | No. of Pupil-teachers and paid Monitors examined. | No. of Pupil-teachers and paid Monitors passed. | No. of Pupil-teachers and paid Monitors who obtained Prizes. | No. of Pupil-teachers and paid Monitors on whom Payments were made. | Amount of Payments made to the School on account of Drawing. | Cost of Prizes and Examples. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | £ s. d. | £ s. d. | £ s. d. |
| Liverpool | Moorfields Old Ch. S. | 112 | 66 | 18 | 5 | 2 | — | — | 25 | 2 | — | — | — | 2 14 0 | 0 4 7 | 2 18 7 |
| ,, | Mount Pleasant B. S. | 200 | 161 | 91 | 21 | 7 | — | — | 119 | 1 | — | — | — | 8 14 0 | 0 15 4 | 9 9 4 |
| ,, | St. Bride's N. S. | 240 | 185 | 110 | 23 | 5 | — | — | 138 | — | — | — | — | 9 11 0 | 0 4 2 | 9 15 2 |
| ,, | St. Clement's N. S. | 135 | 80 | 44 | 7 | — | — | — | 51 | 5 | 1 | — | 1 | 4 8 0 | Nil. | 4 8 0 |
| ,, | St. Cleopas' Ch. of E. S. | 70 | 70 | 41 | 5 | 2 | — | — | 48 | — | — | — | — | 3 17 0 | 0 4 4 | 4 1 4 |
| ,, | St. James' N. S. | 260 | 210 | 108 | 21 | 4 | — | — | 133 | 3 | 1 | — | — | 9 2 0 | 0 8 8 | 9 10 8 |
| ,, | St. Lawrence Ch. of E. S. | 250 | 105 | 61 | 19 | 6 | — | — | 86 | 3 | — | 1 | — | 6 17 0 | 5 6 8 | 12 3 8 |
| ,, | St. Luke's N. S. | 100 | 70 | 35 | 14 | 1 | — | — | 50 | — | — | — | — | 4 6 0 | 0 2 2 | 4 8 2 |
| ,, | St. Mark's N. S. | 81 | 52 | 33 | 5 | 1 | — | — | 39 | 1 | — | 1 | 1 | 3 16 0 | 0 12 4 | 4 8 4 |
| ,, | St. Mary's N. S. | 200 | 148 | 102 | 15 | 2 | — | — | 119 | 4 | 2 | — | — | 7 18 0 | 0 4 4 | 8 2 4 |
| ,, | St. Matthew's Ch. of E. S. | 420 | 335 | 217 | 72 | 18 | — | — | 307 | 14 | 3 | 2 | 5 | 25 15 0 | 2 19 2 | 28 14 2 |
| ,, | St. Paul's N. S. | 89 | 50 | 29 | 9 | 4 | — | — | 42 | 1 | — | — | — | 3 19 0 | 0 8 8 | 4 7 8 |
| ,, | St. Saviour's N. S., Canning Street. | 472 | 411 | 145 | 51 | 25 | — | 1 | 222 | — | — | — | — | 17 7 0 | 3 3 7 | 20 10 7 |
| ,, | St. Silas Ch. of E. S. | 80 | 55 | 38 | 5 | 2 | — | — | 45 | 2 | 2 | — | 2 | 4 14 0 | 0 4 4 | 4 18 4 |
| ,, | St. Simon's N. S. | 150 | 96 | 42 | 11 | 4 | — | — | 57 | 4 | 2 | — | 2 | 5 16 0 | 0 8 8 | 6 4 8 |
| ,, | Trinity (Vine Street) Wes. S. | 150 | 75 | 36 | 9 | 1 | — | — | 46 | 7 | 2 | — | 2 | 4 17 0 | 0 2 0 | 4 19 0 |
| ,, | Trinity (Walton Breck) N. S. | 90 | 80 | 50 | 15 | 6 | — | — | 71 | 1 | 1 | — | 1 | 6 8 0 | 9 6 6 | 15 14 6 |
| ,, | Whitefield Rd. Wes. S. | 110 | 63 | 41 | 14 | 9 | — | — | 13 | — | — | — | — | 2 6 0 | 0 19 9 | 3 5 9 |
| ,, | William Henry Street Bd. S. | 130 | 93 | 42 | 13 | 4 | — | — | 59 | — | — | — | — | 5 0 0 | 0 8 8 | 5 8 8 |
| ,, | Windsor St. Wes. S. | 260 | 277 | 144 | 58 | 13 | — | — | 215 | 13 | 2 | 1 | 3 | 17 19 0 | 1 18 3 | 19 17 3 |
| Longridge | N. S. | 145 | 115 | 51 | 9 | 3 | — | — | 63 | 1 | 1 | — | — | 4 18 0 | 0 6 6 | 5 4 6 |
| Manchester | Ardwick, Chancery Lane Wes. S. | 140 | 101 | 50 | 10 | 7 | — | — | 67 | 8 | — | — | — | 6 1 0 | 0 15 2 | 6 16 2 |
| ,, | Ashley Lane Bd. S. | 60 | 33 | 17 | 4 | 2 | — | — | 23 | 5 | 2 | 1 | 3 | 4 1 0 | 0 14 10 | 4 15 10 |
| ,, | Broughton Elem. S. | 70 | 62 | 38 | 12 | 5 | — | — | 55 | 2 | 1 | — | 1 | 5 7 0 | 0 10 10 | 5 17 10 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ,, | - | - | Cathedral S. - - | 120 | 75 | 29 | 10 | 2 | — | — | 41 | 6 | — | — | — | 3 15 0 | 0 4 4 | 3 19 4 |
| , | - | - | Chalmer's Presb^n^. S. - | 90 | 82 | 41 | 15 | 7 | — | — | 63 | 8 | 1 | 1 | 2 | 6 12 0 | 0 19 11 | 7 11 11 |
| ,, | - | - | Cheetham Hill, St. Mark's S. | 120 | 114 | 65 | 15 | 6 | 1 | — | 87 | 14 | 4 | 1 | 5 | 9 8 0 | 1 3 7 | 10 11 7 |
| ,, | - | - | Cheetham Hill Wes. S. | 170 | 88 | 38 | 15 | 8 | — | — | 61 | 2 | 1 | 1 | 2 | 6 12 0 | 1 8 0 | 8 0 0 |
| ,, | - | - | Dom. Miss. S. - - | 250 | 160 | 73 | 19 | 10 | — | — | 102 | 3 | 2 | — | — | 8 1 0 | 1 2 1 | 9 3 1 |
| ,, | - | - | Hulme, Boston Street B. S. | 76 | 44 | 20 | 6 | 2 | — | — | 28 | 4 | 2 | — | 2 | 2 18 0 | 0 4 4 | 3 2 4 |
| ,, | - | - | ,, Christ Ch. B.S. | 200 | 183 | 83 | 63 | 26 | — | — | 172 | 4 | 1 | 3 | 4 | 17 7 0 | 4 1 8 | 21 8 8 |
| ,, | - | - | ,, St. John the Baptist N. S. | 166 | 158 | 67 | 10 | 6 | — | — | 83 | — | — | — | — | 6 5 0 | 0 12 11 | 6 17 11 |
| ,, | - | - | ,, St. Mark's Ch. of E. S. | 75 | 30 | 15 | 4 | 5 | — | — | 23 | — | — | — | — | 2 15 0 | 0 10 11 | 3 5 11 |
| ,, | - | - | Hulme, St. Mary's Ch. of E. S. | 280 | 179 | 77 | 30 | 11 | — | — | 118 | 3 | 1 | — | — | 9 10 0 | 1 4 4 | 10 14 4 |
| ,, | - | - | ,, St. Michael's Ch. of E. S. | 220 | 171 | 93 | 16 | 6 | — | — | 115 | — | — | — | — | 8 3 0 | 0 12 8 | 8 15 8 |
| ,, | - | - | ,, St. Philip's N. S. | 179 | 116 | 51 | 5 | 1 | — | — | 57 | — | — | — | — | 4 4 0 | 0 2 2 | 4 6 2 |
| ,, | - | - | ,, Trinity S. - | 141 | 111 | 75 | 20 | 13 | — | — | 108 | 3 | — | — | — | 8 14 0 | 1 19 0 | 10 13 0 |
| ,, | - | - | Jew's S., Cheetham - | 189 | 117 | 83 | 17 | 2 | — | — | 102 | 5 | 1 | — | — | 7 3 0 | 0 4 4 | 7 7 4 |
| ,, | - | - | Longsight Wes. S. - | 300 | 233 | 146 | 26 | 18 | 3 | — | 193 | 9 | 5 | 2 | 7 | 20 7 0 | 2 19 3 | 23 6 3 |
| ,, | - | - | Marshall Street B. S. | 95 | 60 | 45 | 11 | 4 | — | — | 60 | — | — | — | — | 4 19 0 | 0 8 8 | 5 7 8 |
| ,, | - | - | Miles Platting, Inst. B. S. | 380 | 337 | 164 | 57 | 36 | — | — | 257 | 10 | 2 | 3 | 5 | 22 16 0 | 5 9 4 | 28 5 4 |
| ,, | - | - | Miles Platting St. Luke's N. S. | 136 | 85 | 43 | 7 | 3 | — | — | 53 | 1 | — | 1 | 1 | 4 16 0 | 0 16 2 | 5 12 2 |
| ,, | - | - | New Jerusalem S. - | 140 | 87 | 50 | 23 | 7 | — | — | 80 | — | — | — | — | 6 17 0 | 0 15 9 | 7 12 9 |
| ,, | - | - | Pendleton, Brindle Heath N. S. | 100 | 49 | 30 | 15 | 1 | — | — | 46 | — | — | — | — | 4 3 0 | 0 2 2 | 4 5 2 |
| ,, | - | - | Pendleton Brunswick Wes. S. | 140 | 104 | 62 | 7 | 2 | — | — | 71 | 5 | — | — | — | 5 2 0 | 1 11 1 | 6 13 1 |
| ,, | - | - | Pendleton Strawberry Rd. B. S. | 180 | 140 | 53 | 11 | 2 | — | — | 66 | 4 | 1 | — | 1 | 5 11 0 | 0 4 4 | 5 15 4 |
| ,, | - | - | Pilkington, Park Lane B. S. | 136 | 108 | 82 | 19 | 7 | — | — | 108 | — | — | — | — | 8 1 0 | 0 15 2 | 8 16 2 |
| ,, | - | - | St. Clement's S. - | 230 | 180 | 128 | 24 | 4 | — | — | 156 | — | — | — | — | 10 8 0 | 0 8 10 | 10 16 10 |
| ,, | - | - | St. James' N. S. - | 60 | 42 | 31 | 4 | 2 | — | — | 37 | — | — | — | — | 3 5 0 | 0 4 5 | 3 9 5 |
| ,, | - | - | St. Luke's S. - - | 175 | 108 | 50 | 6 | 4 | — | — | 60 | 1 | — | — | — | 4 14 0 | 0 8 11 | 5 2 11 |
| ,, | - | - | St. Matthew's N. S. - | 43 | 33 | 23 | — | — | — | — | 23 | 3 | — | — | — | 2 3 0 | Nil. | 2 3 0 |
| ,, | - | - | St. Oswald's N. S. - | 60 | 51 | 30 | 9 | 4 | — | — | 43 | — | — | — | — | 4 0 0 | 0 8 8 | 4 8 8 |
| ,, | - | - | St. Patrick's S. - | 95 | 88 | 54 | 16 | 6 | — | — | 76 | — | — | — | — | 6 4 0 | 0 12 10 | 6 16 10 |
| ,, | - | - | St. Philip's Boys' S. - | 120 | 93 | 46 | 23 | 7 | — | — | 76 | 5 | 1 | 1 | 2 | 9 3 0 | 1 5 6 | 10 8 6 |
| ,, | - | - | St. Saviour's N. S. - | 80 | 73 | 33 | 6 | 2 | — | — | 41 | 15 | 1 | 1 | 2 | 4 11 0 | 0 14 10 | 5 5 10 |
| ,, | - | - | St. Wilfrid's R. C. S. - | 140 | 122 | 59 | 24 | 8 | — | — | 91 | 5 | 4 | 1 | 5 | 10 1 0 | 1 7 8 | 11 8 8 |
| ,, | - | - | Salem S. - - | 238 | 172 | 49 | 7 | 3 | — | — | 59 | — | — | — | — | 4 12 0 | 0 6 6 | 4 18 6 |

## Instruction in Drawing in Elementary Day Schools—*continued.*

| Town. | Name of School. | Total No. of Children taught Drawing. | No. examined in 1st and 2nd Grades. | No. satisfactorily taught, 1st Grade. | No. showing proficiency, 1st Grade. | No. who excelled and obtained Prizes, 1st Grade. | No. of Children who passed in 2nd Grade. | No. of Children who obtained Prizes in 2nd Grade. | No. of Children on whom Payments were made. | No. of Pupil-teachers and paid Monitors examined. | No. of Pupil-teachers and paid Monitors passed. | No. of Pupil-teachers and paid Monitors who obtained Prizes. | No. of Pupil-teachers and paid Monitors on whom Payments were made. | Amount of Payments made to the School on account of Drawing. | Cost of Prizes and Examples. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | £ s. d. | £ s. d. | £ s. d. |
| Manchester | Weaste, St. Luke's N. S. | 80 | 64 | 24 | 23 | 3 | — | — | 50 | 4 | — | — | — | 4 19 0 | 0 6 5 | 5 5 5 |
| Mereclough | Wes. S. | 48 | 36 | 14 | 2 | 1 | — | — | 17 | 1 | — | — | — | 1 1 0 | 0 2 2 | 1 3 2 |
| Mossley | Abney B. S. | 323 | 215 | 152 | 39 | 7 | — | — | 198 | 4 | 2 | 1 | 3 | 15 1 0 | 1 0 7 | 16 1 7 |
| Nelson-in-Marsden | Undenominational S. | 125 | 112 | 72 | 10 | 6 | — | — | 88 | — | — | — | — | 6 10 0 | 0 13 2 | 7 3 2 |
| Newton Heath | Culcheth B. S. | 190 | 149 | 74 | 33 | 22 | 2 | — | 131 | 4 | 1 | 2 | 3 | 13 16 0 | 3 6 9 | 17 2 9 |
| " | Newton St. Wes. S. | 115 | 99 | 39 | 11 | 5 | — | — | 55 | 1 | — | — | — | 4 16 0 | 0 10 10 | 5 6 10 |
| Newton-le-Willows | St. Peter's N. S. | 80 | 69 | 49 | 14 | 3 | — | — | 66 | — | — | — | — | 5 6 0 | 0 6 6 | 5 12 6 |
| " | Wargrave N. S. | 200 | 95 | 59 | 28 | 4 | — | — | 91 | 5 | 1 | — | 1 | 7 17 0 | 0 8 4 | 8 5 4 |
| Oldham | Bd. S., Smith Street | 112 | 63 | 38 | 3 | — | — | — | 41 | 1 | — | — | — | 3 4 0 | Nil. | 3 4 0 |
| " | Bd. S., Westwood | 110 | 76 | 49 | 11 | 4 | — | — | 64 | 1 | — | — | — | 5 3 0 | 0 8 9 | 5 11 9 |
| " | Cowhill Wes. S. | 400 | 302 | 177 | 38 | 17 | — | 1 | 233 | 1 | — | — | — | 16 9 0 | 2 7 6 | 18 16 6 |
| " | Glodwick Wes. S. | 60 | 30 | 10 | 5 | 1 | — | — | 16 | 2 | — | — | — | 1 3 0 | 0 2 2 | 1 5 2 |
| " | Greenacres Cong$^{l}$. B. S. | 33 | 23 | 10 | 9 | 5 | — | — | 24 | — | — | — | — | 3 3 0 | 0 10 10 | 3 13 10 |
| " | " Rd. Wes. S. | 230 | 194 | 79 | 18 | 7 | — | — | 104 | — | — | — | — | 7 16 0 | 0 15 4 | 8 11 4 |
| " | King Street B. S. | 100 | 72 | 44 | 6 | 2 | — | — | 52 | — | — | — | — | 4 2 0 | 0 4 4 | 4 6 4 |
| " | St. Thomas N. S. | 120 | 77 | 35 | 8 | 1 | — | — | 44 | — | — | — | — | 3 14 0 | 2 9 0 | 6 3 0 |
| Openshaw | Cong$^{l}$. S. | 156 | 62 | 33 | 9 | 5 | — | — | 47 | 2 | — | — | — | 4 6 0 | 0 10 10 | 4 16 10 |
| " | Wes. S. | 240 | 161 | 119 | 22 | 4 | — | — | 145 | 9 | 1 | 1 | 1 | 10 5 0 | 0 18 8 | 11 3 8 |
| Orrell | St. Luke's N. S. | 75 | 65 | 57 | 7 | 1 | — | — | 65 | — | — | — | — | 4 14 0 | 0 2 2 | 4 16 2 |
| Oswaldtwistle | Busk S. | 60 | 50 | 26 | 1 | — | — | — | 27 | — | — | — | — | 2 8 0 | Nil. | 2 8 0 |
| " | Hippings Wes. S. | 200 | 174 | 89 | 14 | 6 | — | — | 109 | 8 | 1 | — | — | 7 15 0 | 0 12 10 | 8 7 10 |
| Padiham | Wes. S., Cross Bank | 80 | 55 | 37 | 4 | 3 | — | — | 44 | 1 | — | — | — | 3 14 0 | 0 6 6 | 4 0 6 |
| Patricroft | B. S. | 160 | 130 | 42 | 19 | 9 | — | — | 70 | — | — | — | — | 6 7 0 | 0 19 3 | 7 6 3 |
| Pemberton | Kitt Green N. S. | 67 | 40 | 21 | 3 | — | — | — | 24 | 1 | — | — | — | 2 7 0 | Nil. | 2 7 0 |
| " | Lamberhead Green N. S. | 30 | 25 | 13 | 2 | — | — | — | 15 | — | — | — | — | 0 17 0 | Nil. | 0 17 0 |
| Penketh | Wes. S. | 100 | 86 | 43 | 15 | 3 | — | — | 61 | 3 | 1 | — | 1 | 5 12 0 | 0 6 6 | 5 18 6 |
| Pilling | Ch. of E. S. | 51 | 35 | 21 | 8 | 3 | — | — | 32 | — | — | — | — | 3 6 0 | 0 6 6 | 3 12 6 |
| " | N. S. | 179 | 77 | 42 | 20 | 7 | — | — | 69 | 2 | 1 | — | 1 | 7 3 0 | 2 2 5 | 9 5 5 |
| Preston | All Saints' N. S. | 122 | 116 | 49 | 5 | 3 | — | — | 57 | 3 | 1 | — | 1 | 4 18 0 | 0 6 7 | 5 4 7 |
| " | Ashton Wes. S. | 37 | 30 | 11 | 3 | — | — | — | 14 | — | — | — | — | 0 17 0 | Nil. | 0 17 0 |

| | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| " - - | Christ Ch. N. S. - | 140 | 126 | 81 | 27 | 5 | — | — | 113 | 3 | 3 | — | 3 | 11 0 0 | | 0 10 10 | | 11 10 10 | | | |
| " - - | Croft Street Wes. S. - | 116 | 100 | 45 | 27 | 8 | — | — | 80 | 4 | 1 | — | — | 7 3 0 | | 0 17 5 | | 8 0 5 | | | |
| " - - | Emmanuel N. S. - | 380 | 249 | 129 | 27 | 7 | — | — | 163 | 9 | 5 | — | 5 | 14 14 0 | | 0 14 11 | | 15 8 11 | | | |
| " - - | Grimshaw Street B. S. | 157 | 144 | 77 | 40 | 11 | — | — | 128 | — | — | — | — | 10 10 0 | | 4 9 3 | | 14 19 3 | | | |
| " - - | Hesketh Bank Prim. Meth. S. | 56 | 44 | 19 | 8 | 6 | — | — | 33 | 1 | 1 | — | 1 | 4 3 0 | | 0 13 2 | | 4 16 2 | | | |
| " - - | Moor Lane United Meth. S. | 60 | 45 | 23 | 6 | 6 | — | — | 35 | 3 | — | 3 | 3 | 7 3 0 | | 1 16 9 | | 8 19 9 | | | |
| " - - | Moor Park Wes. S. - | 90 | 75 | 51 | 14 | 1 | — | — | 66 | 5 | — | — | — | 5 2 0 | | 0 2 2 | | 5 4 2 | | | |
| " - - | St. James' N. S. - | 140 | 109 | 52 | 26 | 13 | — | — | 91 | 2 | — | 1 | 1 | 8 13 0 | | 1 19 0 | | 10 12 0 | | | |
| " - - | St. Mark's N. S. - | 400 | 247 | 105 | 31 | 7 | — | — | 186 | 6 | — | — | — | 10 1 0 | | 0 15 2 | | 10 16 2 | | | |
| " - - | St. Mary's N. S. - | 360 | 274 | 106 | 23 | 4 | — | — | 133 | 7 | 4 | — | 4 | 12 14 0 | | 2 12 1 | | 15 6 1 | | | |
| " - - | St. Mary's Branch N.S. | 120 | 103 | 33 | 7 | 5 | — | — | 45 | 2 | 1 | — | 1 | 4 12 0 | | 0 10 10 | | 5 2 10 | | | |
| " - - | St. Mary's St. Wes. S. | 72 | 67 | 35 | 21 | 7 | — | — | 63 | — | — | — | — | 5 18 0 | | 0 15 3 | | 6 13 3 | | | |
| " - - | St. Paul's N. S. - | 200 | 115 | 35 | 13 | 10 | — | — | 58 | 4 | 1 | 2 | 3 | 8 1 0 | | 2 0 4 | | 10 1 4 | | | |
| " - - | St. Peter's N. S. - | 520 | 377 | 89 | 14 | 4 | — | — | 107 | 10 | 3 | — | 3 | 8 19 0 | | 0 8 8 | | 9 7 8 | | | |
| " - - | St. Thomas' N. S. - | 320 | 226 | 91 | 29 | 3 | — | 1 | 124 | 4 | 1 | 1 | 2 | 10 3 0 | | 1 5 7 | | 11 8 7 | | | |
| " - - | St. Wilfrid's R. C. S. - | 142 | 83 | 68 | 4 | — | — | — | 72 | 5 | 1 | 1 | 2 | 5 16 0 | | 0 5 3 | | 6 1 3 | | | |
| " - - | Trinity S. - - | 104 | 104 | 52 | 7 | 1 | — | — | 60 | 3 | 2 | — | 2 | 5 9 0 | | 2 14 5 | | 8 3 5 | | | |
| " - - | United Meth. F. C. S., The Orchard. | 39 | 30 | 22 | 3 | 2 | — | — | 27 | — | — | — | — | 2 14 0 | | 0 4 4 | | 2 18 4 | | | |
| Prestwich - - | Rooden Lane B. S. - | 85 | 64 | 35 | 6 | — | — | — | 41 | 1 | — | — | — | 3 7 0 | | Nil. | | 3 7 0 | | | |
| " - - | N. S. - - - | 159 | 119 | 66 | 15 | 3 | — | — | 84 | 2 | — | — | — | 6 5 0 | | 0 6 7 | | 6 11 7 | | | |
| Radcliffe - - | Black Lane Ch. of E. S. | 70 | 53 | 31 | 9 | 1 | — | — | 41 | — | — | — | — | 3 12 0 | | 0 2 2 | | 3 14 2 | | | |
| " - - | Close Wes. S. - - | 140 | 92 | 20 | 11 | 3 | — | — | 34 | 4 | 2 | — | 2 | 4 11 0 | | 0 6 6 | | 4 17 6 | | | |
| " - - | Irwell Street Wes. S. - | 120 | 65 | 51 | 14 | — | — | — | 65 | — | — | — | — | 4 19 0 | | Nil. | | 4 19 0 | | | |
| " - - | St. John's N. S. - | 150 | 98 | 77 | 9 | 2 | — | — | 88 | 2 | — | — | — | 6 1 0 | | 0 4 4 | | 6 5 4 | | | |
| Rainford - - | Ch. of E. N. S. - | 160 | 130 | 52 | 7 | 2 | — | — | 61 | 2 | 1 | — | — | 4 12 0 | | 0 4 4 | | 4 16 4 | | | |
| Rainhill - - | N. S. - - - | 52 | 48 | 26 | 5 | 1 | — | — | 32 | — | — | — | — | 2 19 0 | | 0 2 2 | | 3 1 2 | | | |
| Ramsbottom - - | St. Andrew's B. S. - | 70 | 52 | 31 | 3 | 3 | — | — | 37 | 2 | 1 | — | 1 | 3 16 0 | | 0 6 7 | | 4 2 7 | | | |
| Reddish - - | Albert S. - - | 250 | 62 | 33 | 21 | 3 | — | — | 57 | 3 | — | — | — | 5 4 0 | | 0 6 6 | | 5 10 6 | | | |
| " - - | Houldsworth S. - | 80 | 55 | 33 | 19 | 4 | — | — | 56 | 4 | — | — | — | 5 3 0 | | 0 8 8 | | 5 11 8 | | | |
| Ribchester - - | N. S. - - - | 50 | 50 | 19 | 17 | 2 | — | — | 38 | — | — | — | — | 3 19 0 | | 0 4 4 | | 4 3 4 | | | |
| Rochdale - - | Bd. S., Lower Place - | 30 | 25 | 8 | 14 | 3 | — | — | 25 | — | — | — | — | 3 5 0 | | 0 6 6 | | 3 11 6 | | | |
| " - - | Bd. S., Milkstone Rd | 36 | 20 | 13 | 6 | 1 | — | — | 20 | 2 | 1 | — | — | 2 8 0 | | 1 7 3 | | 3 15 3 | | | |
| " - - | Clover Street B. S. - | 216 | 150 | 43 | 9 | 2 | — | — | 54 | 2 | 1 | — | — | 4 7 0 | | 0 4 3 | | 4 11 3 | | | |
| " - - | Lower Place Wes. S. - | 200 | 137 | 78 | 10 | 2 | — | — | 90 | 6 | 2 | — | 2 | 7 4 0 | | 0 4 4 | | 7 8 4 | | | |
| " - - | Sparrow Hill Par. S. - | 328 | 270 | 156 | 86 | 19 | 3 | 2 | 266 | 6 | 2 | 3 | 5 | 24 10 0 | | 4 4 9 | | 28 14 9 | | | |
| St. Helens - - | Moorflat N. S. - | 130 | 107 | 69 | 26 | 2 | — | — | 97 | 6 | 3 | — | 3 | 8 17 0 | | 0 4 4 | | 9 1 4 | | | |
| " - - | St. Thomas' N. S. - | 272 | 194 | 117 | 33 | 8 | — | — | 158 | 7 | — | — | — | 14 17 0 | | 0 17 2 | | 15 14 2 | | | |
| " - - | Sutton N. S. - - | 209 | 140 | 99 | 9 | 2 | — | — | 110 | 5 | — | — | — | 7 3 6 | | 0 4 4 | | 7 7 4 | | | |
| " - - | Sutton, St. Anne's R. C. S. | 90 | 89 | 53 | 19 | 11 | 2 | — | 85 | — | — | — | — | 7 14 0 | | 1 3 5 | | 8 17 5 | | | |
| " - - | Victoria R. C. S. - | 66 | 65 | 41 | 17 | 6 | — | — | 64 | 1 | 1 | — | 1 | 6 3 0 | | 0 13 0 | | 6 16 0 | | | |
| " - - | Waterloo St. Wes. S. - | 120 | 99 | 48 | 14 | 4 | — | — | 66 | 2 | 1 | — | — | 5 8 0 | | 0 8 8 | | 5 16 8 | | | |
| Salford - - | Christ Ch. Upper S. - | 220 | 171 | 105 | 26 | 19 | — | — | 150 | 4 | 2 | — | 2 | 12 14 0 | | 2 0 9 | | 14 14 9 | | | |

## Instruction in Drawing in Elementary Day Schools—*continued.*

| Town. | Name of School. | Total No. of Children taught Drawing. | No. examined in 1st and 2nd Grades. | No. satisfactorily taught, 1st Grade. | No. showing proficiency, 1st Grade. | No. who excelled and obtained Prizes, 1st Grade. | No. of Children who passed in 2nd Grade. | No. of Children who obtained Prizes in 2nd Grade. | No. of Children on whom Payments were made. | No. of Pupil-teachers and paid Monitors examined. | No. of Pupil-teachers and paid Monitors passed. | No. of Pupil-teachers and paid Monitors who obtained Prizes. | No. of Pupil-teachers and paid Monitors on whom Payments were made. | Amount of Payments made to the School on account of Drawing. | Cost of Prizes and Examples. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | £ s. d. | £ s. d. | £ s. d. |
| Salford | Egerton, St. Bartholomew's S. | 85 | 80 | 33 | 14 | 4 | — | — | 51 | 4 | 2 | — | 2 | 6 13 0 | 0 8 4 | 7 1 4 |
| „ | Gravel Lane Wes. S. | 350 | 75 | 30 | 17 | 3 | | | 50 | 8 | | | | 4 13 0 | 0 6 6 | 4 19 6 |
| „ | St. John's R. C. S. | 14 | 11 | 9 | 1 | 1 | | | 11 | | | | | 0 14 0 | 0 2 2 | 0 16 2 |
| „ | St. Matthias' N. S. | 75 | 69 | 33 | 12 | 2 | | | 47 | 12 | | | | 4 3 0 | 0 4 5 | 4 7 5 |
| „ | Stowell Meml. S. | 100 | 80 | 43 | 13 | 3 | | | 59 | 4 | | | | 4 18 0 | 0 6 7 | 5 4 7 |
| „ | Trinity N. S. | 54 | 40 | 20 | 7 | — | | | 27 | — | | | | 2 14 0 | Nil. | 2 14 0 |
| „ | Working Men's Coll. | 325 | 304 | 85 | 22 | 7 | 2 | | 116 | 2 | 1 | | 1 | 9 10 0 | 0 14 10 | 10 4 10 |
| Skelmersdale | Wes. S. | 60 | 48 | 26 | 8 | 4 | | | 38 | 2 | | | | 3 14 0 | 0 8 8 | 4 2 8 |
| Skerton | St. Luke's N. S. | 140 | 58 | 38 | 14 | 2 | | | 54 | 3 | | | | 4 12 0 | 0 4 4 | 4 16 4 |
| Southport | Christ Ch. N. S. | 150 | 53 | 30 | 9 | 3 | | | 42 | 1 | 1 | | 1 | 4 7 0 | 0 6 6 | 4 13 6 |
| „ | St. Paul's N. S. | 80 | 63 | 47 | 3 | 2 | | | 52 | 4 | 1 | 1 | 2 | 4 19 0 | 0 14 8 | 5 13 8 |
| Stacksteads | Waterbarn B. S. | 80 | 60 | 15 | — | — | | | 15 | — | | | | 0 15 0 | Nil. | 0 15 0 |
| Stretford | Boys' N. S. | 86 | 65 | 41 | 8 | 2 | | | 51 | 3 | | | | 4 3 0 | 0 4 4 | 4 7 4 |
| „ | Edge Lane Wes. S. | 100 | 65 | 33 | 9 | 3 | | | 45 | 1 | 1 | | | 4 0 0 | 0 6 7 | 4 6 7 |
| Summerseat | Wes. S. | 130 | 111 | 31 | 7 | — | | | 38 | 2 | | | | 3 5 0 | Nil. | 3 5 0 |
| Swinton | Wes. S. | 100 | 60 | 22 | 25 | 6 | | | 53 | 1 | | | | 5 10 0 | 0 13 0 | 6 3 0 |
| Tyldesley | Wes. S. | 112 | 103 | 36 | 9 | 4 | | | 49 | — | | | | 4 6 0 | 0 8 9 | 4 14 9 |
| Ulverston | N. S. | 120 | 108 | 47 | 16 | 3 | | | 66 | 3 | | | | 5 8 0 | 0 6 2 | 5 14 2 |
| Walmer Bridge | B. S. | 64 | 44 | 35 | 7 | 1 | | | 43 | 1 | | | | 3 12 0 | 0 2 2 | 3 14 2 |
| Walton-le-Dale | N. S. | 220 | 173 | 74 | 41 | 25 | | | 140 | 2 | 1 | | 1 | 13 1 0 | 2 15 3 | 15 16 3 |
| Walton-on-the-Hill | N. S. | 66 | 60 | 31 | 26 | 3 | | | 60 | — | | | | 5 12 0 | 0 6 6 | 5 18 6 |
| Warrington | Bank Quay B. S. | 458 | 419 | 217 | 108 | 48 | 6 | 2 | 381 | — | | | | 31 17 0 | 6 5 0 | 38 2 0 |
| „ | Ch. Street Par. S. | 320 | 239 | 112 | 68 | 24 | | | 204 | — | | | | 17 0 0 | 2 11 8 | 19 11 8 |
| „ | Mount Pract. S. | 80 | 59 | 33 | 6 | 1 | | | 40 | — | | | | 3 8 0 | 0 2 2 | 3 10 2 |
| „ | Orford Ch. of E. S. | 80 | 38 | 16 | 6 | 2 | | | 24 | — | | | | 2 14 0 | 0 4 5 | 2 18 5 |
| „ | St. Anne's N. S. | 90 | 73 | 27 | 5 | 1 | | | 33 | 4 | 2 | | 2 | 4 0 0 | 0 2 2 | 4 2 2 |
| „ | St. Paul's S. | 437 | 235 | 159 | 24 | 5 | | | 168 | — | | | | 11 2 0 | 0 10 7 | 11 12 7 |
| „ | Wycliffe B. S. | 150 | 100 | 83 | 16 | 7 | | | 106 | 1 | | | | 7 16 0 | 0 15 2 | 8 11 2 |
| Waterfoot | B. S. | 48 | 30 | 21 | 5 | 2 | | | 28 | 3 | | | | 2 17 0 | 0 4 4 | 3 1 4 |
| Westhoughton | Congl. S. | 50 | 35 | 15 | 5 | 3 | | | 23 | — | | | | 2 14 0 | 0 6 6 | 3 0 6 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Wheelton | St. Paul's Ch. of E. S. | 90 | 46 | 30 | 4 | 1 | — | — | 35 | 1 | — | — | — | 3 1 0 | 0 2 2 | 3 3 2 |
| Widnes | Par. S. | 260 | 212 | 106 | 10 | 10 | 1 | — | 127 | 3 | — | 1 | 1 | 9 11 0 | 1 12 0 | 11 3 0 |
| Wigan | Blue Coat and N. S. | 110 | 63 | 28 | 10 | 3 | — | — | 41 | 2 | 2 | — | 2 | 4 17 0 | 0 6 6 | 5 3 6 |
| " | Dicconson St. Wes. S. | 165 | 91 | 44 | 10 | 2 | — | — | 56 | 1 | — | — | — | 4 10 0 | 0 4 4 | 4 14 4 |
| " | New Jerusalem B. S. | 549 | 226 | 148 | 34 | 4 | — | — | 186 | 6 | 1 | — | 1 | 12 18 0 | 0 8 7 | 13 6 7 |
| " | Platt Bridge Wes. S. | 74 | 51 | 37 | 3 | — | — | — | 40 | — | — | — | — | 3 3 0 | Nil. | 3 3 0 |
| " | Poolstock S. | 100 | 84 | 67 | 9 | — | — | — | 76 | 4 | — | — | — | 5 5 0 | Nil. | 5 5 0 |
| " | St. Andrew's S. | 55 | 50 | 23 | 3 | 1 | — | — | 27 | 1 | — | — | — | 2 12 0 | 0 2 2 | 2 14 2 |
| " | St. Thomas S., Caroline Street. | 170 | 142 | 44 | 13 | 2 | — | — | 59 | 2 | 1 | 1 | 2 | 6 6 0 | 0 13 5 | 6 19 5 |
| " | St. Thomas S., Clayton Street. | 137 | 107 | 62 | 4 | 2 | — | — | 68 | 2 | — | — | — | 4 16 0 | 0 4 4 | 5 0 4 |
| LEICESTER. | | | | | | | | | | | | | | | | |
| Barwell | N. S. | 140 | 73 | 47 | 12 | 4 | — | — | 63 | — | — | — | — | 5 3 0 | 4 3 7 | 9 6 7 |
| Belgrave | N. S. | 60 | 60 | 43 | 8 | 3 | — | — | 54 | — | — | — | — | 4 8 0 | 0 6 6 | 4 14 6 |
| Breedon-on-the-Hill | N. S. | 50 | 40 | 14 | 4 | 1 | — | — | 19 | — | — | — | — | 1 5 0 | 0 2 2 | 1 7 2 |
| Castle Donington | Wes. S. | 60 | 43 | 14 | 5 | 1 | — | — | 20 | — | — | — | — | 2 7 0 | 0 2 2 | 2 9 2 |
| Coalville | B. S. | 130 | 107 | 67 | 16 | 2 | — | — | 85 | 3 | — | — | — | 6 5 0 | 0 4 4 | 6 9 4 |
| " | N. S. | 72 | 47 | 13 | 2 | — | — | — | — | 2 | — | — | — | Nil. | Nil. | Nil. |
| Hinckley | N. S. | 214 | 108 | 70 | 11 | 2 | — | — | 83 | 10 | 2 | 1 | 3 | 7 18 0 | 0 14 10 | 8 12 10 |
| Leicester | Elbow Lane Bd. S. | 250 | 124 | 65 | 13 | 5 | — | — | 83 | 4 | 1 | — | 1 | 6 6 0 | 0 10 9 | 6 16 9 |
| " | Hill St. B. S. | 250 | 150 | 95 | 11 | 4 | — | — | 119 | 6 | 1 | — | 1 | 7 19 0 | 0 8 8 | 8 7 8 |
| " | Humberstone Road Wes. S. | 136 | 134 | 72 | 32 | 14 | — | — | 118 | — | — | — | — | 9 18 0 | 1 10 0 | 11 8 0 |
| " | King Richard's Road Bd. S. | 86 | 66 | 47 | 7 | — | — | — | 54 | 10 | — | — | — | 4 1 0 | Nil. | 4 1 0 |
| " | St. John's S. | 124 | 80 | 62 | 10 | 4 | — | — | 76 | 7 | 1 | — | 1 | 6 4 0 | 0 8 8 | 6 12 8 |
| " | St. Margaret's N. S. | 150 | 91 | 50 | 6 | 3 | — | — | 59 | 4 | 1 | 1 | 2 | 6 11 0 | 0 11 10 | 6 2 10 |
| " | St. Mark's S. | 120 | 70 | 56 | 3 | 1 | — | — | 60 | — | — | — | — | 4 5 0 | 0 2 2 | 4 7 2 |
| " | St. Martin's S. | 350 | 178 | 133 | 16 | 14 | 1 | — | 164 | 8 | 2 | — | 2 | 12 12 0 | 1 10 10 | 14 2 10 |
| " | St. Mary's Par. S. | 114 | 94 | 60 | 9 | 1 | — | — | 70 | — | — | — | — | 5 1 0 | 0 2 2 | 5 3 2 |
| " | Slater Street B l. S. | 50 | 35 | 28 | 5 | 1 | — | — | 34 | — | — | — | — | 3 1 0 | 0 2 2 | 3 3 2 |
| " | Syston Street Bd. S. | 160 | 150 | 88 | 10 | 5 | — | — | 103 | — | — | — | — | 7 3 0 | 5 15 1 | 12 18 1 |
| " | Trinity S. | 300 | 237 | 142 | 35 | 8 | — | — | 184 | 8 | 3 | — | — | 12 15 0 | 0 17 5 | 13 12 5 |
| Lutterworth | Cottage Girls' S. | 36 | 29 | 25 | 2 | — | — | — | 27 | — | — | — | — | 2 9 0 | Nil. | 2 9 0 |
| " | Sherrier's S. | 90 | 81 | 48 | 12 | 4 | — | — | 64 | 6 | 1 | — | 1 | 5 14 0 | 0 19 2 | 6 13 2 |
| Market Harboro' | Fairfield Road B. S. | 110 | 88 | 61 | 9 | 1 | — | — | 71 | — | — | — | — | 5 2 0 | 0 2 2 | 5 4 2 |
| " | N. S. | 160 | 145 | 90 | 16 | 3 | — | — | 109 | 4 | — | — | — | 7 11 0 | 0 6 5 | 7 17 5 |
| Markfield | Ch. of E. S. | 42 | 26 | 19 | — | — | — | — | 19 | 3 | — | — | — | 0 19 0 | Nil. | 0 19 0 |
| Melton Mowbray | King Street B. S. | 184 | 142 | 82 | 27 | 13 | — | — | 122 | 12 | 3 | 5 | — | 9 15 0 | 3 10 0 | 13 5 0 |
| " | " Free S. | 160 | 77 | 52 | 16 | 8 | — | — | 76 | 7 | 1 | 2 | 3 | 9 8 0 | 1 17 6 | 11 5 6 |
| Mountsorrel | Christ Ch. S. | 43 | 32 | 8 | 4 | 1 | — | — | 13 | 4 | 1 | 1 | — | 0 19 0 | 0 12 8 | 1 11 8 |
| Syston | Par. S. | 40 | 27 | 16 | 8 | 2 | — | — | 26 | 2 | 1 | — | 1 | 3 8 0 | 0 4 4 | 3 12 4 |
| Woodville | Wes. S. | 80 | 50 | 28 | 5 | 1 | — | — | 34 | — | — | — | — | 3 1 0 | 0 2 2 | 3 3 2 |

Appendix C.

DRAWING IN ELEMENTARY DAY SCHOOLS.

## Instruction in Drawing in Elementary Day Schools—*continued.*

| Town. | Name of School. | Total No. of Children taught Drawing. | No. examined in 1st and 2nd Grades. | No. satisfactorily taught, 1st Grade. | No. showing proficiency, 1st Grade. | No. who excelled and obtained Prizes, 1st Grade. | No. of Children who passed in 2nd Grade. | No. of Children who obtained Prizes in 2nd Grade. | No. of Children on whom Payments were made. | No. of Pupil-teachers and paid Monitors examined. | No. of Pupil-teachers and paid Monitors passed. | No. of Pupil-teachers and paid Monitors who obtained Prizes. | No. of Pupil-teachers and paid Monitors on whom Payments were made. | Amount of Payments made to the School on account of Drawing. | Cost of Prizes and Examples. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | £ s. d. | £ s. d. | £ s. d. |
| LINCOLN. | | | | | | | | | | | | | | | | |
| Barkwith, East | Ch. of E. S. | 40 | 32 | 26 | 4 | — | — | — | 30 | 2 | 1 | — | 1 | 3 4 0 | Nil. | 3 4 0 |
| Barrow-on-Humber | New Holland N. S. | 61 | 55 | 41 | 4 | 1 | — | — | 46 | 2 | 1 | — | — | 3 12 0 | 0 2 3 | 3 14 3 |
| " | Ulceby S. | 50 | 46 | 24 | 3 | — | — | — | 27 | 2 | — | — | — | 2 10 0 | Nil. | 2 10 0 |
| Barton-on-Humber | Wes. S. | 70 | 67 | 47 | 8 | 2 | — | — | 57 | 5 | 1 | — | — | 4 9 0 | 0 4 6 | 4 13 6 |
| Belchford | Bd. S. | 20 | 18 | 7 | 6 | 5 | — | — | 18 | — | — | — | — | 1 14 0 | 0 10 10 | 2 4 10 |
| Boston | Blue Coat S. | 33 | 27 | 19 | 2 | — | — | — | 21 | — | — | — | — | 2 3 0 | Nil. | 2 3 0 |
| " | Laughton's Free S. | 100 | 64 | 29 | 19 | 6 | — | — | 54 | — | — | — | — | 5 5 0 | 0 13 1 | 5 18 1 |
| " | Pump Square, N. S. | 100 | 106 | 45 | 15 | 20 | — | — | 80 | 7 | 3 | 2 | 5 | 10 15 0 | 3 4 9 | 13 19 9 |
| " | Red Lion St. Wes. S. | 101 | 114 | 40 | 19 | 34 | — | — | 102 | 6 | 1 | 4 | 5 | 13 9 0 | 5 14 4 | 19 3 4 |
| " | St. James' N. S. | 60 | 44 | 29 | 5 | — | — | — | 34 | 1 | — | — | — | 2 19 0 | Nil. | 2 19 0 |
| " | Shodfriars Lane Pub. S. | 100 | 62 | 42 | 17 | 8 | — | — | 67 | 5 | 1 | — | 1 | 6 10 0 | 0 17 10 | 7 7 10 |
| Gainsborough | Ch. Street Par. S. | 70 | 57 | 36 | 9 | 2 | — | — | 47 | — | — | — | — | 4 0 0 | 0 4 0 | 4 4 0 |
| " | Hickman St. Wes. S. | 160 | 116 | 50 | 7 | 3 | — | — | 60 | 6 | — | — | — | 4 13 0 | 0 6 7 | 4 19 7 |
| Gosbill | Wes. S. | 45 | 36 | 30 | 2 | — | — | — | 32 | 2 | — | — | — | 2 14 0 | Nil. | 2 14 0 |
| Grantham | Manthorpe Road B.S. | 40 | 40 | 27 | 2 | 2 | — | — | 31 | 4 | 2 | — | 2 | 3 17 0 | 0 4 6 | 4 1 6 |
| " | Wharf Road Wes. S. | 80 | 65 | 37 | 13 | — | — | — | 50 | 4 | — | — | — | 4 3 0 | Nil. | 4 3 0 |
| Grimsby, Gt. | Cleethorpes N. S. | 70 | 49 | 27 | 1 | — | — | — | 28 | 1 | — | — | — | 2 9 0 | Nil. | 2 9 0 |
| " | King Edward Street and Wellington St. N. S. | 220 | 142 | 56 | 2 | — | — | — | 58 | 4 | 1 | — | 1 | 4 10 0 | Nil. | 4 10 0 |
| " | Prim. Meth. S. | 300 | 268 | 140 | 15 | 3 | — | — | 158 | — | — | — | — | 9 19 0 | 0 6 6 | 10 5 6 |
| " | Victoria Street Wes. S. | 290 | 170 | 99 | 18 | 4 | — | — | 121 | 9 | 1 | 1 | — | 8 17 0 | 0 19 2 | 9 16 2 |
| Horncastle | N. S. | 75 | 40 | 25 | 10 | — | — | — | 35 | 4 | — | — | — | 3 5 0 | Nil. | 3 5 0 |
| Laveby | Wes. S. | 80 | 72 | 28 | — | — | — | — | 28 | — | — | — | — | 2 8 0 | Nil. | 2 8 0 |
| Langworth | Boulter's S. | 8 | 6 | 5 | — | 1 | — | — | 6 | — | — | — | — | 0 7 0 | Nil. | 0 7 0 |
| Lincoln | Central N. S. | 200 | 155 | 73 | 15 | 2 | — | — | 90 | — | — | — | — | 6 9 0 | 0 4 0 | 6 13 0 |
| " | North Dist. S. | 150 | 71 | 39 | 3 | — | — | — | 44 | — | — | — | — | 3 9 0 | Nil. | 3 9 0 |
| " | Pract. S. | 100 | 67 | 38 | 6 | — | — | — | 44 | — | — | — | — | 3 10 0 | Nil. | 3 10 0 |
| " | St. Martin's Par. S. | 45 | 22 | 6 | — | — | — | — | 28 | 4 | — | 1 | — | 3 4 0 | 0 10 6 | 3 14 6 |
| Louth | Kidgate Boys' B. S. | 50 | 41 | 18 | 7 | 2 | — | — | 27 | 1 | — | — | — | 2 18 0 | 0 4 5 | 3 2 5 |

Appendix — Drawing in Elementary Day Schools.

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ,, | ,, Girls' B. S. | 24 | 16 | 10 | — | — | — | — | 10 | — | — | — | — | 0 10 0 | Nil. | 0 10 0 |
| ,, | Newmarket Wes. S. | 180 | 89 | 46 | 9 | 8 | — | — | 63 | — | — | — | — | 5 8 0 | 0 17 11 | 6 5 11 |
| ,, | Westgate N. S. | 70 | 61 | 43 | 14 | 2 | — | — | 59 | 2 | — | — | — | 4 17 0 | 0 4 6 | 5 1 6 |
| Market Rasen | Wes. S. | 130 | 102 | 31 | 7 | 2 | — | — | 40 | 1 | — | — | — | 3 11 0 | 0 4 3 | 3 15 3 |
| Rippingale | Ch. of E. S. | 50 | 30 | 16 | — | — | — | — | 16 | 1 | — | — | — | 0 16 0 | Nil. | 0 16 0 |
| Stamford | St. Michael's S. | 116 | 93 | 62 | 6 | 2 | — | — | 70 | 4 | — | — | — | 5 0 0 | 0 4 0 | 5 4 0 |
| Wainfleet | All Saints' S. | 50 | 40 | 23 | 9 | 2 | — | — | 34 | 1 | — | — | — | 3 7 0 | 0 4 4 | 3 11 4 |
| ,, | Wes. S. | 40 | 39 | 30 | 3 | — | — | — | 33 | 1 | — | — | — | 2 16 0 | Nil. | 2 16 0 |
| Wragby | Ch. of E. S. | 52 | 42 | 27 | 8 | 3 | — | — | 38 | 1 | 1 | — | 1 | 4 2 0 | 0 6 4 | 4 8 4 |
| MIDDLESEX | | | | | | | | | | | | | | | | |
| Bedfont and Hatton | N. S. | 62 | 53 | 21 | 2 | — | — | — | 23 | 2 | — | 1 | 1 | 2 15 0 | 0 10 6 | 3 5 6 |
| Brentford | High Street B. S. | 273 | 198 | 119 | 52 | 12 | — | — | 183 | 1 | 1 | — | 1 | 14 9 0 | 1 5 11 | 15 14 11 |
| Ealing | Lancaster Road B. S. | 70 | 55 | 23 | 6 | 3 | — | — | 32 | — | — | — | — | 3 4 0 | 0 6 8 | 3 10 8 |
| ,, | Wes. S. | 150 | 103 | 39 | 18 | 7 | — | — | 63 | 2 | — | — | — | 5 14 0 | 0 15 0 | 6 9 0 |
| Edmonton | High Road Wes. S. | 90 | 77 | 30 | 18 | 7 | — | — | 55 | — | — | — | — | 5 7 0 | 0 15 4 | 6 2 4 |
| ,, Upper | St. James' S. | 50 | 24 | 11 | 2 | 3 | — | — | 16 | 1 | 1 | — | 1 | 1 14 0 | 0 6 7 | 2 0 7 |
| Enfield | London Road N. S. | 90 | 76 | 46 | 5 | 5 | — | — | 56 | 1 | — | — | — | 5 1 0 | 0 10 2 | 5 11 2 |
| ,, Highway | St. James' S. | 151 | 129 | 61 | 16 | 4 | — | — | 81 | 11 | 4 | 2 | 6 | 11 5 0 | 2 0 0 | 13 5 0 |
| ,, Lock | Government Boys' S. | 112 | 102 | 57 | 18 | 4 | — | — | 79 | 10 | 3 | — | 3 | 8 5 0 | 6 15 9 | 15 0 9 |
| ,, ,, | ,, Girls' S. | 88 | 85 | 53 | 8 | 4 | — | — | 65 | — | — | — | — | 5 1 0 | 2 17 6 | 7 18 6 |
| Hanwell | N. S. | 50 | 29 | 18 | 8 | 1 | — | — | 27 | 2 | — | — | — | 2 17 0 | 0 2 2 | 2 19 2 |
| Harmondsworth | N. S. | 52 | 45 | 25 | 1 | 1 | — | — | 27 | 2 | — | — | — | 2 10 0 | 0 2 2 | 2 12 2 |
| Heston | N. S. | 84 | 61 | 32 | 4 | 1 | — | — | 37 | 2 | — | — | — | 3 3 0 | 0 2 3 | 3 5 3 |
| Isleworth | Boys' N. S. | 96 | 84 | 34 | 14 | 6 | — | — | 54 | 2 | — | 2 | 2 | 6 0 0 | 1 12 10 | 7 12 10 |
| ,, | Girls' N. S. | 75 | 60 | 39 | 7 | — | — | — | 46 | 6 | — | — | — | 3 13 0 | Nil. | 3 13 0 |
| London* | Baldwin's Gardens N. S. | 180 | 164 | 81 | 32 | 10 | 1 | 1 | 125 | 8 | 2 | 1 | 3 | 11 15 0 | 2 2 5 | 13 17 5 |
| ,, | Bethnal Green, Abbey Street B. S. (Boys'). | 225 | 175 | 80 | 51 | 15 | 1 | 1 | 148 | 5 | 1 | 1 | 2 | 14 17 0 | 2 13 5 | 17 10 5 |
| ,, | Bethnal Green, Abbey Street B. S. (Girls'). | 47 | 39 | 21 | 10 | 2 | — | — | 33 | 6 | 1 | — | 1 | 2 17 0 | 0 4 4 | 3 1 4 |
| ,, | Bethnal Green, Adelphi Chapel B. S. (Boys'). | 57 | 41 | 27 | 11 | 3 | — | — | 41 | 1 | — | — | — | 3 18 0 | 0 6 8 | 4 4 8 |
| ,, | Bethnal Green, Adelphi Chapel B. S. (Girls'). | 70 | 47 | 30 | 13 | 2 | — | — | 45 | 2 | — | — | — | 4 2 0 | 0 4 2 | 4 6 2 |
| ,, | Bethnal Green Approach Road Wes. S. | 267 | 184 | 89 | 17 | 6 | — | 1 | 113 | 5 | 2 | — | 2 | 9 6 0 | 1 2 8 | 10 8 8 |
| ,, | Bethnal Green, Birkbeck Schs. | 248 | — | 80 | 29 | 12 | — | — | 121 | — | 2 | 1 | 3 | 10 14 0 | 1 18 4 | 12 12 4 |
| ,, | Bethnal Green, Church Row N. S. | 248 | 340 | 123 | 19 | 3 | — | — | 145 | — | — | — | — | 9 10 0 | 0 6 4 | 9 16 4 |
| ,, | Bishopsgate Ward Schs. | 520 | 445 | 234 | 57 | 23 | — | — | 314 | 3 | 1 | 1 | 2 | 22 17 0 | 2 19 10 | 25 16 10 |

* For London School Board Schools, see pp. 45, 63, and 66.

## Instruction in Drawing in Elementary Day Schools—*continued.*

| Town. | Name of School. | Total No. of Children taught Drawing. | No. examined in 1st and 2nd Grades. | No. satisfactorily taught, 1st Grade. | No. showing proficiency, 1st Grade. | No. who excelled and obtained Prizes, 1st Grade. | No. of Children who passed in 2nd Grade. | No. of Children who obtained Prizes in 2nd Grade. | No. of Children on whom Payments were made. | No. of Pupil-teachers and paid Monitors examined. | No. of Pupil-teachers and paid Monitors passed. | No. of Pupil-teachers and paid Monitors who obtained Prizes. | No. of Pupil-teachers and paid Monitors on whom Payments were made. | Amount of Payments made to the School on account of Drawing. | Cost of Prizes and Examples. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Middlesex—*cont.* | | | | | | | | | | | | | | £ s. d. | £ s. d. | £ s. d. |
| London—*cont.* | Bloomsbury Christ Ch. N. S. | 110 | 69 | 37 | 7 | 2 | — | — | 46 | — | — | — | — | 3 17 0 | 0 4 4 | 4 1 4 |
| „ | Bow, Coborn S. | 217 | 166 | 82 | 35 | 6 | — | — | 123 | 11 | 6 | — | 6 | 12 10 0 | 0 13 0 | 13 3 0 |
| „ | Bow, Old Ford Road S. | 130 | 88 | 46 | 33 | 12 | — | — | 91 | 1 | — | — | — | 8 8 0 | 1 6 0 | 9 14 0 |
| „ | Bow, Tidey Street Wes. S. | 140 | 98 | 67 | 13 | 7 | — | — | 87 | 3 | 1 | — | — | 6 14 0 | 0 15 2 | 7 9 2 |
| „ | Bow, Tredegar Road Wes. S. | 300 | 213 | 121 | 33 | 12 | — | — | 166 | — | — | — | — | 12 3 0 | 1 6 7 | 13 9 7 |
| „ | Brompton, Holy Trin. N. S. | 150 | 125 | 67 | 28 | 4 | — | — | 99 | — | — | — | — | 7 15 0 | 0 8 8 | 8 3 8 |
| „ | Camden Town, Park Chapel S. | 120 | 82 | 20 | 36 | 27 | — | 1 | — | — | — | — | — | Nil. | 3 10 1 | 3 10 1 |
| „ | Cannon St. Rd., Middlesex Soc. S. | 80 | 56 | 21 | 14 | 2 | — | — | 37 | 2 | 1 | 1 | 2 | 4 15 0 | 0 14 4 | 5 9 4 |
| „ | Chelsea, Christ Ch. S. | 31 | 21 | 8 | 8 | 1 | — | — | 17 | — | — | — | — | 1 7 0 | 0 2 3 | 1 9 3 |
| „ | Chelsea, Oratory Boys' S. | 32 | 25 | 19 | — | — | — | — | — | — | — | — | — | Nil. | Nil. | Nil. |
| „ | Chelsea, Park Chapel N. S. | 56 | 47 | 13 | 17 | 13 | — | — | 43 | 3 | 2 | — | — | 5 6 0 | 1 9 3 | 6 15 3 |
| „ | Chelsea, Trin. S., Draycott St. | 220 | 214 | 132 | 28 | 19 | — | — | 179 | — | — | — | — | 13 5 0 | 1 14 7 | 14 19 7 |
| „ | Chelsea, Whitelands S. | 149 | 86 | 12 | 57 | 17 | — | — | 86 | 8 | 4 | — | 4 | 11 17 0 | 1 17 3 | 13 14 3 |
| „ | City Road, Radnor St. Wes. S. | 200 | 156 | 86 | 13 | 4 | — | — | 103 | 2 | — | — | — | 7 4 0 | 0 8 11 | 7 12 11 |
| „ | City Road, Whitefield S. | 350 | 247 | 150 | 22 | 2 | — | — | 174 | 12 | 3 | 1 | 4 | 13 0 0 | 0 8 3 | 13 8 3 |
| „ | Clerkenwell, Amwell St. Par. S. | 150 | 100 | 51 | 9 | 1 | — | — | 61 | — | — | — | — | 4 12 0 | 0 2 2 | 4 14 2 |
| „ | Cromer St., New Jerusalem B. S. | 95 | 76 | 47 | 18 | 2 | — | — | 67 | 7 | 2 | — | 2 | 6 9 0 | 0 4 4 | 6 13 4 |
| „ | Dalston, Brownlow Road Private S. | 90 | 69 | 33 | 32 | 7 | 2 | 3 | 77 | — | — | — | — | 8 3 0 | 2 5 7 | 10 8 7 |

| | | |

Appendix C.

DRAWING IN ELEMENTARY DAY SCHOOLS.

## Instruction in Drawing in Elementary Day Schools—*continued.*

| Town. | Name of School. | Total No. of Children taught Drawing. | No. examined in 1st and 2nd Grades. | No. satisfactorily taught, 1st Grade. | No. showing proficiency, 1st Grade. | No. who excelled and obtained Prizes, 1st Grade. | No. of Children who passed in 2nd Grade. | No. of Children who obtained Prizes in 2nd Grade. | No. of Children on whom Payments were made. | No. of Pupil-teachers and paid Monitors examined. | No. of Pupil-teachers and paid Monitors passed. | No. of Pupil-teachers and paid Monitors who obtained Prizes. | No. of Pupil-teachers and paid Monitors on whom Payments were made. | Amount of Payments made to the School on account of Drawing. | Cost of Prizes and Examples. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | £ s. d. | £ s. d. | £ s. d. |
| Middlesex—*cont.* | | | | | | | | | | | | | | | | |
| London—*cont.* | | | | | | | | | | | | | | | | |
| - | Kentish Town, Trin. S. | 164 | 150 | 72 | 35 | 12 | — | — | 119 | 1 | 1 | — | 1 | 10 8 0 | 2 19 2 | 13 7 2 |
| - | Kentish Town, Wilkin Street Training Schs. | 90 | 35 | 23 | 8 | 1 | — | — | 32 | — | — | — | — | 3 2 0 | 2 5 11 | 5 7 11 |
| - | Knightsbridge, Sauls' N. S. All | 58 | 49 | 29 | 10 | 2 | — | — | 41 | 2 | 1 | — | 1 | 4 5 0 | 0 4 4 | 4 9 4 |
| - | Limehouse, Buildings Wes. S. Mitre (Boys'). | 100 | 76 | 66 | 4 | 1 | — | — | 71 | 8 | 3 | — | 3 | 6 7 0 | 0 2 2 | 6 9 2 |
| - | Limehouse, Buildings Wes. S. Mitre (Girls'). | 120 | 72 | 20 | 1 | — | — | — | 21 | — | — | — | — | 2 2 0 | Nil. | 2 2 0 |
| - | Little Titchfield St., Portland B.S.(Boys'). | 120 | 110 | 52 | 24 | 4 | — | — | 80 | 3 | 2 | 1 | 3 | 9 2 0 | 0 19 1 | 10 1 1 |
| - | Little Titchfield St., Portland B.S.(Girls'). | 181 | 48 | 37 | 5 | — | — | — | 42 | — | — | — | — | 3 7 0 | Nil. | 3 7 0 |
| - | Margaret Street, All Saints' S. | 25 | 16 | 12 | 3 | 1 | — | — | 16 | — | — | — | — | 1 1 0 | 0 2 2 | 1 3 2 |
| - | Marylebone, Central N. S. | 250 | 185 | 118 | 39 | 15 | — | — | 172 | 2 | 1 | — | — | 13 1 0 | 1 12 10 | 14 13 10 |
| - | Marylebone, Christ Ch. N. and Infants' S. | 254 | 155 | 68 | 52 | 14 | — | — | 134 | 9 | 3 | 1 | 4 | 14 4 0 | 2 0 7 | 16 4 7 |
| - | Marylebone, Eastern, All Souls' N. S. | 277 | 208 | 172 | 20 | 4 | 2 | — | 198 | 2 | 1 | — | 1 | 13 4 0 | 0 8 11 | 13 12 11 |
| - | Marylebone, Hampden Gurney Boys' S. | 247 | 132 | 60 | 52 | 16 | 1 | — | 129 | 4 | 1 | 1 | 2 | 12 17 0 | 2 4 0 | 15 1 0 |
| - | Marylebone, Hampden Gurney Girls' S. | 169 | 146 | 62 | 57 | 7 | — | — | 126 | 16 | 3 | 1 | 4 | 13 7 0 | 1 0 3 | 14 7 3 |
| - | Marylebone, Portman Chapel Boys' S. | 200 | 146 | 77 | 40 | 20 | 4 | 1 | 142 | 9 | 4 | 1 | 5 | 16 12 0 | 0 14 5 | 17 6 5 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| „ | - | - | Marylebone, Wyndham Place N. S. | 150 | 140 | 79 | 25 | 4 | 1 | — | 109 | 2 | 1 | — | 1 | 8 16 0 | 0 8 6 | 9 4 6 |
| „ | - | - | May Fair, Curzon S. | 109 | 103 | 76 | 15 | 10 | — | — | 101 | 9 | 2 | 3 | 5 | 10 6 0 | 2 12 2 | 12 18 2 |
| „ | - | - | Notting Hill, Horbury B. S. | 130 | 98 | 50 | 16 | 4 | 2 | — | 72 | 4 | 1 | — | 1 | 6 14 0 | 0 8 7 | 7 2 7 |
| „ | - | - | Paddington, Trinity Boys' S. | 180 | 121 | 33 | 68 | 14 | — | — | 115 | 5 | 2 | 3 | 5 | 14 1 0 | 3 1 4 | 17 2 4 |
| „ | - | - | Pimlico, Warwick St. Wes. S. | 480 | 254 | 144 | 39 | 11 | — | — | 194 | 8 | 1 | 3 | 4 | 15 15 0 | 1 13 7 | 17 8 7 |
| „ | - | - | Poplar, All Saints' N.S. | 156 | 110 | 69 | 14 | 4 | — | — | 87 | — | — | — | — | 6 9 0 | 0 8 8 | 6 17 8 |
| „ | - | - | Poplar, East India Road Boys' S. | 130 | 85 | 46 | 21 | 1 | — | — | 68 | — | — | — | — | 5 11 0 | 0 2 2 | 5 13 2 |
| „ | - | - | Poplar, Garford Street Ch. of E. S. | 285 | 152 | 98 | 32 | 11 | — | — | 141 | — | — | — | — | 10 15 0 | 1 3 10 | 11 18 10 |
| „ | - | - | Poplar, Hale Street Wes. S. | 302 | 160 | | 27 | 15 | — | — | 137 | 6 | 1 | 1 | 2 | 12 4 0 | 2 3 6 | 14 7 6 |
| „ | - | - | Poplar, Woolmore St. Free S. | 300 | 218 | 92 | 49 | 4 | — | — | 145 | 2 | 1 | — | — | 11 2 0 | 0 8 8 | 11 10 8 |
| „ | - | - | Ranelagh Road (W.), Mission S. | 120 | 105 | 32 | 7 | 4 | — | — | 43 | 6 | 2 | 2 | 4 | 5 18 0 | 1 8 8 | 7 6 8 |
| „ | - | - | Red Lion Square, West Metropolitan Jewish Boys' S. | 55 | 53 | 24 | 8 | 3 | 2 | — | 37 | — | — | — | — | 3 19 0 | 4 0 8 | 7 19 8 |
| „ | - | - | Red Lion Square, West Metropolitan Jewish Girls' S. | 68 | 42 | 22 | 12 | 5 | 1 | — | 40 | 2 | — | — | — | 4 6 0 | 0 10 6 | 4 16 6 |
| „ | - | - | Regent's Park, Christ Ch. N. S. | 200 | 80 | 54 | 10 | 3 | — | — | 67 | 2 | — | — | — | 5 3 0 | 0 6 6 | 5 9 6 |
| „ | - | - | Regent Square (W.C.), N. S. | 70 | 56 | 30 | 10 | 3 | 1 | 1 | 45 | — | — | — | — | 4 9 0 | 0 17 2 | 5 6 2 |
| „ | - | - | Rosslyn Hill B. S. | 96 | 67 | 27 | 6 | 1 | — | — | 34 | 1 | — | — | — | 3 2 0 | 0 2 0 | 3 4 0 |
| „ | - | - | St. Alban's, Holborn, S. | 130 | 48 | 23 | 8 | — | — | — | 31 | 3 | — | 1 | 1 | 3 9 0 | 0 9 1 | 3 18 1 |
| „ | - | - | St. Andrew's, Haverstock Hill, Boys' S. | 100 | 96 | 47 | 29 | 17 | — | — | 93 | — | — | — | — | 7 16 0 | 1 17 1 | 9 13 1 |
| „ | - | - | St. Andrew's, Haverstock Hill, Girls' S. | 74 | 57 | 33 | 2 | — | — | — | 35 | 5 | 1 | — | 1 | 3 7 0 | Nil. | 3 7 0 |
| „ | - | - | St. Andrew's, Holborn, S. | 180 | 119 | 71 | 9 | — | — | — | 80 | 3 | — | — | — | 5 9 0 | Nil. | 5 9 0 |
| „ | - | - | St. Anne's, Limehouse, N. S. | 180 | 146 | 101 | 28 | 5 | — | — | 134 | — | — | — | — | 9 12 0 | 0 10 8 | 10 2 8 |
| „ | - | - | St. Anne's, Soho, Boys' S. | 282 | 190 | 84 | 22 | 3 | — | — | 109 | 5 | 3 | — | 3 | 9 7 0 | 0 6 4 | 9 13 4 |
| „ | - | - | St. Anne's, Soho, Girls' S. | 228 | 159 | 59 | 3 | 3 | — | — | 65 | 8 | 1 | — | 1 | 5 4 0 | 0 6 4 | 5 10 4 |
| „ | - | - | St. Augustine's, South Kensington, S. | 70 | 24 | 8 | 4 | 2 | — | — | 14 | — | — | — | — | 1 2 0 | 0 4 2 | 1 6 2 |

## Instruction in Drawing in Elementary Day Schools—*continued.*

| Town. | Name of School. | Total No. of Children taught Drawing. | No. examined in 1st and 2nd Grades. | No. satisfactorily taught, 1st Grade. | No. showing proficiency, 1st Grade. | No. who excelled and obtained Prizes, 1st Grade. | No. of Children who passed in 2nd Grade. | No. of Children who obtained Prizes in 2nd Grade. | No. of Children on whom Payments were made. | No. of Pupil-teachers and paid Monitors examined. | No. of Pupil-teachers and paid Monitors passed. | No. of Pupil-teachers and paid Monitors who obtained Prizes. | No. of Pupil-teachers and paid Monitors on whom Payments were made. | Amount of Payments made to the School on account of Drawing. | Cost of Prizes and Examples. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | £ s. d. | £ s. d. | £ s. d. |
| Middlesex—*cont.* | | | | | | | | | | | | | | | | |
| London—*cont.* | St. Barnabas', Holloway, S. | 388 | 245 | 125 | 37 | 13 | — | — | 205 | 15 | 7 | — | 7 | 19 8 0 | 1 8 2 | 20 16 2 |
| " | St. Barnabas' and St. Philip's, South Kensington, S. | 100 | 47 | 29 | 7 | 1 | — | — | 37 | — | — | — | — | 3 6 0 | 0 2 2 | 3 8 2 |
| " | St. Barnabas', Pimlico, S. | 187 | 124 | 71 | 11 | 2 | — | — | 84 | 3 | — | — | — | 5 19 0 | 0 4 2 | 6 3 2 |
| " | St. Bartholomew's, Islington, Boys' S. | 40 | 34 | 19 | 8 | 4 | — | — | 31 | 2 | — | — | — | 3 7 0 | 0 8 4 | 3 15 4 |
| " | St. Bartholomew's, Islington, Girls' S. | 40 | 30 | 27 | 3 | — | — | — | 30 | 3 | — | — | — | 1 13 0 | Nil. | 1 13 0 |
| " | St. Bride's (City) N.S. | 50 | 40 | 27 | 2 | 1 | — | — | 30 | — | — | — | — | 2 14 0 | 0 2 2 | 2 16 2 |
| " | St. Clement's, Barnsbury, S. | 275 | 246 | 123 | 48 | 9 | — | — | 180 | 3 | 1 | — | 1 | 13 16 0 | 0 19 4 | 14 15 4 |
| " | St. Clement's, Notting Hill, Mixed S. | 140 | 63 | 16 | 3 | — | — | — | 19 | — | — | — | — | 1 2 0 | Nil. | 1 2 0 |
| " | St. Clement's, Notting Hill, Kensington, S. | 156 | 144 | 32 | 3 | 2 | — | — | 37 | 6 | 2 | — | 2 | 4 4 0 | 0 4 4 | 4 8 4 |
| " | St. Columba's, Haggerston, S. | 70 | 45 | 17 | 1 | 1 | — | — | 19 | 2 | 1 | — | — | 2 2 0 | 0 2 2 | 2 4 2 |
| " | St. Gabriel's, Pimlico, N. S. | 350 | 274 | 122 | 31 | 12 | — | — | 165 | 14 | 2 | 2 | 4 | 14 0 0 | 2 5 6 | 16 5 6 |
| " | St. George's, Holborn, Par. S. | 120 | 94 | 52 | 12 | 5 | — | 1 | 70 | 1 | — | — | — | 5 16 0 | 5 4 2 | 11 0 2 |
| " | St. George's-in-the-East, Cable Street Wes. S. | 130 | 83 | 44 | 12 | 2 | — | — | 58 | 2 | — | — | — | 4 14 0 | 0 4 6 | 4 18 6 |
| " | St. George's-in-the-East, Christ Ch. S. | 140 | 111 | 55 | 7 | — | — | — | 62 | 8 | — | — | — | 4 9 0 | Nil. | 4 9 0 |
| " | St. Giles-in-the-Fields N. S. | 255 | 186 | 98 | 8 | 5 | — | — | 111 | 1 | — | — | — | 7 9 0 | 1 6 0 | 8 15 0 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| " | - | St. James', Holloway, S. | 90 | 82 | 57 | 17 | 2 | — | — | 76 | 5 | 2 | — | 2 | 6 17 0 | 1 11 1 | 8 8 1 |
| " | - | St. James', Marylebone Lane, R. C. S. | 110 | 83 | 76 | — | — | — | — | 76 | 1 | — | — | — | 4 16 0 | Nil. | 4 16 0 |
| " | - | St. James', Netley St. (N.W.), N. S. | 120 | 73 | 55 | 3 | — | — | — | 58 | 4 | — | — | — | 4 1 0 | Nil. | 4 1 0 |
| " | - | St. James', Notting Hill, N. S. | 97 | 50 | 31 | 8 | 1 | — | — | 40 | 3 | 2 | — | 2 | 4 10 0 | 0 2 2 | 4 12 2 |
| " | - | St. James', Paddington, N. S. | 329 | 174 | 92 | 28 | 6 | 2 | — | 128 | 9 | 2 | 1 | 3 | 11 6 0 | 3 15 10 | 15 1 10 |
| " | - | St. James', Westminster, Boys' N. S. | 280 | 218 | 95 | 12 | 4 | — | — | 111 | 5 | 1 | 1 | 2 | 8 11 0 | 8 18 10 | 17 9 10 |
| " | - | St. James', Westminster, Girls' S. | 160 | 147 | 57 | 4 | 1 | — | — | 62 | 7 | — | — | — | 4 8 0 | 2 19 2 | 7 7 2 |
| " | - | St. James', Westminster, Offertory S. | 100 | 88 | 49 | 6 | 3 | — | — | 58 | 1 | — | 1 | 1 | 5 0 0 | 0 16 8 | 5 16 8 |
| " | - | St. James-the-Less, Bethnal Green, S. | 330 | 192 | 132 | 49 | 19 | 4 | — | 204 | 4 | 1 | 3 | 4 | 19 7 0 | 3 12 8 | 22 19 8 |
| " | - | St. James-the-Less, Westminster, S. | 60 | 47 | 39 | 3 | 2 | — | — | 44 | — | — | — | — | 3 11 0 | 0 4 4 | 3 15 4 |
| " | - | St. John's, Hammersmith, N. S. | 96 | 51 | 40 | 7 | 2 | — | — | 49 | 3 | 2 | — | — | 4 0 0 | 0 4 4 | 4 4 4 |
| , | - | St. John's, Holloway, N. S. | 180 | 123 | 60 | 24 | 6 | — | — | 90 | — | — | — | — | 7 6 0 | 0 12 9 | 7 18 9 |
| " | - | St. John's, Notting Hill, S. | 196 | 148 | 98 | 18 | 2 | — | — | 118 | — | — | — | — | 8 0 0 | 4 3 1 | 12 3 1 |
| " | - | St. John's, Paddington, N. S. | 118 | 112 | 65 | 9 | 1 | — | — | 75 | — | — | — | — | 5 6 0 | 0 2 2 | 5 8 2 |
| " | - | St. John's, Tottenham Court Road, S. | 134 | 111 | 49 | 27 | 3 | — | — | 79 | — | — | — | — | 6 12 0 | 0 6 6 | 6 18 6 |
| " | - | St. John's, Victoria Park, S. | 90 | 69 | 33 | 10 | 4 | — | — | 47 | 2 | — | — | — | 4 5 0 | 0 8 8 | 4 13 8 |
| " | - | St. Joseph's, R. C., St. John's Wood, S. | 84 | 78 | 42 | 6 | 3 | — | — | 51 | 3 | 2 | — | 2 | 5 3 0 | 0 6 5 | 5 9 5 |
| " | - | St. Jude's, Islington, Boys' S. | 180 | 140 | 66 | 13 | 5 | — | — | 84 | 1 | — | — | — | 6 7 0 | 0 10 10 | 6 17 10 |
| " | - | St. Jude's, Islington, Elementary S. | 100 | 80 | 58 | 10 | 4 | — | — | 72 | — | — | — | — | 5 10 0 | 0 8 8 | 5 18 8 |
| " | - | St. Leonard's, Bromley, S. | 190 | 112 | 44 | 5 | 4 | — | — | 53 | 4 | 1 | — | — | 4 6 0 | 0 8 10 | 4 14 10 |
| " | - | St. Luke's, Chelsea, Par. S. | 420 | 359 | 121 | 64 | 27 | 1 | — | 213 | 5 | 2 | — | 2 | 19 5 0 | 2 18 9 | 22 3 9 |
| " | - | St. Luke's, Millwall, S. | 50 | 50 | 25 | 18 | 5 | — | — | 48 | — | — | — | — | 4 16 0 | 0 10 10 | 5 6 10 |
| " | - | St. Luke's, Nutford Place, S. | 140 | 111 | 59 | 10 | — | — | — | 69 | — | — | — | — | 4 19 0 | Nil. | 4 19 0 |

## Instruction in Drawing in Elementary Day Schools—*continued.*

| Town. | Name of School. | Total No. of Children taught Drawing. | No. examined in 1st and 2nd Grades. | No. satisfactorily taught, 1st Grade. | No. showing proficiency, 1st Grade. | No. who excelled and obtained Prizes, 1st Grade. | No. of Children who passed in 2nd Grade. | No. of Children who obtained Prizes in 2nd Grade. | No. of Children on whom Payments were made. | No. of Pupil-teachers and paid Monitors examined. | No. of Pupil-teachers and paid Monitors passed. | No. of Pupil-teachers and paid Monitors who obtained Prizes. | No. of Pupil-teachers and paid Monitors on whom Payments were made. | Amount of Payments made to the School on account of Drawing. | Cost of Prizes and Examples. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | £ s. d. | £ s. d. | £ s. d. |
| Middlesex—*cont.* | | | | | | | | | | | | | | | | |
| London—*cont.* | St. Luke's, Old St., S. | 360 | 240 | 125 | 62 | 13 | — | — | 200 | 7 | — | 1 | — | 15 8 0 | 1 17 5 | 17 5 5 |
| „ | St. Luke's, Paddington, S. | 130 | 89 | 42 | 3 | 1 | — | — | 46 | 2 | — | — | — | 3 11 0 | 0 2 2 | 3 13 2 |
| „ | St. Luke's, Stepney, S. | 160 | 125 | 29 | 3 | 1 | — | — | 33 | 6 | — | — | — | 2 18 0 | 0 2 2 | 3 0 2 |
| „ | St. Margaret's, Tothill Street, S. | 97 | 86 | 52 | 7 | 3 | — | — | 62 | — | — | — | — | 4 15 0 | 0 6 2 | 5 1 2 |
| „ | St. Margaret's and St. John's, Westminster S. | 72 | 50 | 46 | 2 | — | — | — | 48 | — | — | — | — | 3 10 0 | Nil. | 3 10 0 |
| „ | St. Mark's, Camden Town, S. | 100 | 96 | 46 | 12 | 5 | — | — | 63 | — | — | — | — | 5 5 0 | 0 10 11 | 5 15 11 |
| „ | St. Mark's, Chelsea, Trg. Coll. | 280 | 239 | 125 | 81 | 24 | 2 | — | 232 | 7 | 2 | 1 | 3 | 20 9 0 | 2 17 6 | 23 6 6 |
| „ | St. Mark's, North Audley Street, N. S. | 100 | 80 | 53 | 18 | 5 | — | — | 76 | 4 | 3 | — | 3 | 8 4 0 | 0 10 10 | 8 14 10 |
| „ | St. Mark's, St. John's Wood, S. | 75 | 66 | 46 | 8 | 3 | — | — | 57 | 4 | — | — | — | 4 11 0 | 0 6 7 | 4 17 7 |
| „ | St. Martin's-in-the-Fields S. | 200 | 165 | 69 | 26 | 9 | 1 | — | 105 | 1 | — | 1 | 1 | 9 3 0 | 1 9 8 | 10 12 8 |
| „ | St. Martin's-in-the-Fields, Northern S. | 180 | 158 | 65 | 8 | 7 | — | — | 80 | 1 | — | — | — | 6 2 0 | 0 14 9 | 6 16 9 |
| „ | St. Mary's, Haggerston, S. | 120 | 86 | 50 | 17 | — | — | — | 67 | — | — | — | — | 5 4 0 | Nil. | 5 4 0 |
| „ | St. Mary's, Islington, Par. S. | 358 | 171 | 120 | 11 | 4 | — | — | 135 | — | — | — | — | 8 14 0 | 0 8 8 | 9 2 8 |
| „ | St. Mary's, Paddington, S. | 21 | 15 | 6 | 4 | 2 | — | — | 12 | — | — | — | — | 1 0 0 | 0 4 0 | 1 4 0 |
| „ | St. Mary's, St. George's-in-the-East, S. | 70 | 48 | 23 | 12 | 1 | — | — | 36 | 1 | — | 1 | — | 3 10 0 | 0 12 8 | 4 2 8 |
| „ | St. Mary's, Somers' Town, S. | 70 | 39 | 23 | 8 | 2 | — | — | 33 | 3 | — | — | — | 3 5 0 | 0 4 4 | 3 9 4 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| „ | - | St. Matthew's, Camden Town, S. | 123 | 101 | 83 | 13 | 6 | -- | — | 102 | 2 | 2 | — | 2 | 8 7 0 | 0 13 0 | 9 0 0 |
| „ | - | St. Matthew's, Islington, S. | 55 | 49 | 26 | 10 | 1 | -- | — | 37 | 3 | 2 | — | 2 | 4 9 0 | 0 2 2 | 4 11 2 |
| „ | - | St. Matthew's, St. George's-in-the-East, S. | 150 | 106 | 53 | 6 | 3 | — | — | 62 | 6 | — | — | — | 4 14 0 | 0 6 4 | 5 0 4 |
| „ | - | St. Matthias, Bethnal Green, S. | 230 | 164 | 137 | 17 | 2 | — | — | 156 | 2 | 2 | — | — | 9 17 0 | 0 4 4 | 10 1 4 |
| „ | - | St. Matthias, Poplar, Ch. of E. S. | 220 | 126 | 82 | 26 | 1 | — | — | 109 | 9 | — | — | — | 7 17 0 | 0 2 3 | 7 19 3 |
| „ | - | St. Michael's, Bromley, S. | 370 | 302 | 126 | 117 | 19 | 4 | — | 266 | — | — | — | — | 22 17 0 | 2 0 8 | 24 17 8 |
| „ | - | St. Michael's, Hackney, S. | 250 | 203 | 125 | 48 | 6 | — | — | 179 | — | — | — | — | 12 19 0 | 0 13 0 | 13 12 0 |
| „ | | St. Michael's, Paddington, S. | 193 | 212 | 157 | 18 | 6 | — | — | 181 | — | — | — | — | 11 11 0 | 0 13 1 | 12 4 1 |
| „ | - | St. Michael's, Pimlico, S. | 326 | 210 | 77 | 24 | 11 | 1 | — | 113 | 6 | 3 | 2 | 5 | 11 13 0 | 2 5 2 | 13 18 2 |
| „ | - | St. Paul's, Bow Common, S. | 200 | 145 | 78 | 33 | 21 | 2 | -- | 134 | 2 | 1 | — | 1 | 12 7 0 | 2 6 0 | 14 13 0 |
| „ | - | St. Paul's, Haggerston, S. | 45 | 45 | 16 | 2 | 1 | — | — | 19 | — | — | — | — | 1 3 0 | 0 2 2 | 1 5 2 |
| „ | - | St. Paul's, Harrow Road, S. | 70 | 67 | 38 | 11 | 2 | — | — | 51 | — | — | — | — | 4 6 0 | 0 4 4 | 4 10 4 |
| „ | - | St. Paul's, Islington, N. S. | 100 | 77 | 26 | 2 | — | — | — | 28 | — | — | — | -- | 2 10 0 | Nil. | 2 10 0 |
| „ | - | St. Paul's, Knightsbridge, S. | 140 | 97 | 64 | 11 | 4 | 1 | — | 79 | 5 | — | — | — | 5 18 0 | 0 8 9 | 6 6 9 |
| „ | - | St. Paul's, Lisson Grove, S. | 44 | 35 | 28 | 5 | 1 | — | — | 34 | 3 | 1 | — | — | 3 1 0 | 0 2 2 | 3 3 2 |
| „ | - | St. Paul's, Whitechapel, S. | 30 | 22 | 9 | — | — | — | — | 9 | — | — | — | — | 0 9 0 | Nil. | 0 9 0 |
| „ | - | St. Peter's, Hackney Road, N. S. | 120 | 100 | 68 | 7 | 6 | — | — | 81 | — | — | — | — | 6 0 0 | 0 13 0 | 6 13 0 |
| „ | - | St. Peter's Islington, N. S. | 124 | 86 | 27 | 4 | — | — | — | 31 | — | — | — | — | 2 15 0 | Nil. | 2 15 0 |
| „ | - | St. Peter's, Pimlico, S. | 70 | 60 | 20 | 29 | 11 | — | — | 60 | 4 | — | — | — | 6 11 0 | 1 3 10 | 7 14 10 |
| „ | - | St. Peter's, Stepney, S. | 100 | 74 | 48 | 7 | 1 | — | — | 56 | 6 | 1 | — | — | 4 5 0 | 0 2 2 | 4 7 2 |
| „ | - | St. Peter's, Windmill Street, S. | 120 | 88 | 46 | 9 | 2 | — | — | 57 | — | — | — | — | 4 10 0 | 0 4 4 | 4 14 4 |
| „ | - | St. Philip's, Islington, S. | 286 | 214 | 131 | 30 | 13 | — | — | 174 | 5 | — | — | — | 13 10 0 | 1 8 2 | 14 18 2 |
| „ | - | St. Philip's, Stepney, S. | 70 | 59 | 29 | 5 | 2 | — | — | 36 | 1 | 1 | — | 1 | 3 15 0 | 0 4 4 | 3 19 4 |
| „ | - | St. Saviour's, Paddington, S. | 33 | 30 | 18 | 8 | 2 | — | — | 28 | 2 | — | — | — | 3 0 0 | 0 4 4 | 3 4 4 |
| „ | - | St. Saviour's, Poplar, S. | 186 | 163 | 94 | 40 | 12 | 1 | — | 147 | — | — | — | — | 11 15 0 | 1 5 7 | 13 0 7 |

## Instruction in Drawing in Elementary Day Schools—*continued.*

| Town. | Name of School. | Total No. of Children taught Drawing. | No. examined in 1st and 2nd Grades. | No. satisfactorily taught, 1st Grade. | No. showing proficiency, 1st Grade. | No. who excelled and obtained Prizes, 1st Grade. | No. of Children who passed in 2nd Grade. | No. of Children who obtained Prizes in 2nd Grade. | No. of Children on whom Payments were made. | No. of Pupil-teachers and paid Monitors examined. | No. of Pupil-teachers and paid Monitors passed. | No. of Pupil-teachers and paid Monitors who obtained Prizes. | No. of Pupil-teachers and paid Monitors on whom Payments were made. | Amount of Payments made to the School on account of Drawing. | Cost of Prizes and Examples. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | £ s. d. | £ s. d. | £. s. d. |
| Middlesex—*cont.* | | | | | | | | | | | | | | | | |
| London—*cont.* - | St. Stephen's, Paddington, S. | 180 | 155 | 108 | 31 | 10 | 3 | — | 152 | 3 | 3 | — | 3 | 13 5 0 | 1 2 0 | 14 7 0 |
| „ - | St. Stephen's, St. John's Wood, S. | 160 | 138 | 71 | 41 | 8 | — | — | 120 | 2 | — | 1 | 1 | 10 7 0 | 1 7 10 | 11 14 10 |
| „ - | St. Stephen's, South Kensington, S. | 64 | 53 | 40 | 8 | 3 | — | — | 51 | — | — | — | — | 4 5 0 | 0 6 6 | 4 11 6 |
| „ - | St. Stephen's, Westminster, S. | 224 | 202 | 98 | 50 | 30 | — | — | 178 | — | — | — | — | 15 8 0 | 3 4 4 | 18 12 4 |
| „ - | St. Stephen's, Westminster, Girls' S. | 160 | 114 | 46 | 6 | 6 | — | — | 58 | 4 | 2 | — | 2 | 5 16 0 | 1 11 7 | 7 7 7 |
| „ - | St. Thomas', Bethnal Green, S. | 150 | 91 | 31 | 4 | 1 | — | — | 36 | 6 | 1 | — | — | 3 2 0 | 0 2 2 | 3 4 2 |
| „ - | St. Thomas' Charterhouse, S. | 630 | 301 | 288 | 42 | 12 | 2 | — | 344 | 13 | 1 | — | 1 | 22 8 0 | 1 6 6 | 23 14 6 |
| „ - | St. Thomas', Islington, S. | 186 | 186 | 100 | 41 | 3 | — | — | 144 | 4 | 1 | — | 1 | 11 1 0 | 0 6 8 | 11 7 8 |
| „ - | St. Thomas', Portman Square, N. S. | 250 | 181 | 98 | 23 | 3 | — | — | 124 | 3 | — | — | — | 8 13 0 | 0 6 6 | 8 19 6 |
| „ - | St. Thomas,' Stepney, N. S. | 320 | 158 | 54 | 8 | 6 | — | — | 68 | 1 | 1 | — | 1 | 5 18 0 | 0 12 8 | 6 10 8 |
| „ - | Shoreditch, Mintern Street Wes. S. | 350 | 218 | 118 | 47 | 24 | — | — | 189 | 7 | 3 | 3 | 6 | 18 4 0 | 4 1 8 | 22 5 8 |
| „ - | South Hackney, Percy Road, Par. S. | 130 | 110 | 50 | 8 | 1 | — | — | 59 | 3 | 1 | — | 1 | 4 19 0 | 0 2 2 | 5 1 2 |
| „ - | Spicer Street, Mile End, All Saints' S. | 150 | 40 | 35 | — | 1 | — | — | 36 | 4 | — | — | — | 2 18 0 | 0 2 2 | 3 0 2 |
| „ - | Spitalfields, Christ Ch. S. | 54 | 26 | 21 | 6 | 1 | — | — | 28 | — | — | — | — | 2 16 0 | 0 2 2 | 2 18 2 |
| „ - | Stepney Green, Garden Street Meeting S. | 550 | 322 | 177 | 47 | 43 | — | — | 267 | 7 | 3 | — | 3 | 23 0 0 | 4 16 5 | 27 16 5 |
| „ - | Stepney, Mile End Old Town Schs. | 615 | 391 | 318 | 41 | 15 | 2 | 1 | 377 | 11 | 4 | 3 | 7 | 28 10 0 | 3 2 2 | 31 12 2 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| „ - - | Wapping, Chandler St. Wes. S. | 105 | 49 | 21 | 2 | 1 | — | — | 24 | 3 | 1 | 1 | 2 | 3 18 0 | 0 12 8 | 4 10 8 | |
| „ - - | Westbourne, N. S. - | 260 | 236 | 145 | 42 | 18 | — | — | 205 | 4 | 2 | — | 2 | 1 3 0 | 1 18 1 | 18 1 1 | |
| „ - - | Westminster, Chapel S. | 160 | 90 | 48 | 9 | 3 | — | — | 60 | — | — | — | — | 4 15 0 | 0 6 2 | 5 1 2 | |
| „ - - | Westminster, Christ Ch. N. S. | 90 | 72 | 31 | 1 | 1 | — | — | 33 | 1 | — | — | — | 2 16 0 | 0 2 2 | 2 18 2 | |
| „ - - | Westminster, Holy Trin. N. S. | 120 | 100 | 45 | 14 | 4 | — | — | 63 | 2 | 2 | — | 2 | 6 15 0 | 0 8 6 | 7 3 6 | |
| „ - - | Westminster, Wes$^{n}$. T. C. Senior Boys' S. | 230 | 208 | 106 | 42 | 12 | 1 | — | 161 | 1 | 1 | — | 1 | 13 1 0 | 1 6 8 | 14 7 8 | |
| „ - - | Westminster, Wes. T. C. Senior Girls'. | 240 | 183 | 124 | 23 | 8 | — | — | 155 | — | — | — | — | 10 14 0 | 11 13 4 | 22 7 4 | |
| „ - - | Westminster, Wes. T. C. Junior Boys'. | 150 | 79 | 51 | 5 | — | — | — | 56 | 3 | — | — | — | 4 1 0 | Nil. | 4 1 0 | |
| „ - - | Westminster, Wes. T. C. Model S. | 99 | 82 | 38 | 8 | 1 | — | — | 47 | — | — | — | — | 3 17 0 | 0 2 3 | 3 19 3 | |
| „ - - | Westminster, Yorkshire Soc. S. | 53 | 97 | 20 | 15 | 7 | 4 | 2 | 48 | — | — | — | — | 6 1 0 | 1 15 9 | 7 16 9 | |
| „ - - | Winchmore Hill N. S. | 55 | 56 | 21 | 11 | 3 | — | — | 35 | 2 | — | — | — | 3 12 0 | 0 6 6 | 3 18 6 | |
| *London School Board.* | | | | | | | | | | | | | | | | | |
| Chelsea Division - | Chelsea, Cooks Ground Boys' S. | 221 | 160 | 71 | 2 | — | — | — | 73 | 7 | 2 | — | 2 | 5 15 0 | Nil. | 5 15 0 | |
| „ - | Chelsea, Cooks Ground Girls' S. | 176 | 111 | 29 | 1 | — | — | — | 30 | — | — | — | — | 2 11 0 | Nil. | 2 11 0 | |
| „ - | Fulham, Harwood Rd. S. | 130 | 130 | 83 | 4 | 2 | — | — | 89 | 9 | 2 | — | 2 | 6 17 0 | 0 4 4 | 7 1 4 | |
| „ - | Fulham, William St. Boys' S. | 60 | 29 | 15 | 3 | 2 | — | — | 20 | 3 | — | 1 | 1 | 2 17 0 | 0 7 9 | 3 4 9 | |
| „ - | Fulham, William St. Girls' S. | 42 | 42 | 18 | 9 | 2 | — | — | 29 | — | — | — | — | 3 2 0 | 0 4 4 | 3 6 4 | |
| „ - | Notting Hill, Silver St. S. | 125 | 68 | 19 | 2 | — | — | — | 21 | — | — | — | — | 2 3 0 | Nil. | 2 3 0 | |
| „ - | Notting Hill, Saunders Road Boys' S. | 150 | 124 | 54 | 16 | 5 | — | — | 75 | 3 | 1 | 1 | 2 | 7 1 0 | 1 1 2 | 8 2 2 | |
| „ - | Notting Hill, Wornington Rd. Boys' S. | 300 | 267 | 107 | 109 | 29 | — | — | 245 | — | — | — | — | 21 12 0 | 3 2 | 24 14 10 | |
| „ - | Notting Hill, Wornington Rd. Girls' S. | 247 | 166 | 106 | 3 | — | — | — | 109 | — | — | — | — | 6 12 0 | Nil. | 6 12 0 | |
| City of London Division. | Harp Alley Boys' S. - | 110 | 88 | 41 | 12 | 5 | 2 | — | 58 | 3 | 1 | — | — | 5 0 0 | 0 11 0 | 5 11 0 | |
| „ - | Harp Alley Girls' S. - | 60 | 40 | 15 | 2 | — | — | — | 17 | 3 | 1 | — | 1 | 1 9 0 | Nil. | 1 9 0 | |
| Finsbury Division - | Allen Street Boys' S. - | 271 | 272 | 167 | 19 | 7 | — | — | 193 | 5 | 4 | 1 | — | 12 6 0 | 5 4 2 | 17 10 2 | |
| „ - | Allen Street Girls' S. | 130 | 120 | 15 | 1 | — | — | — | 16 | — | — | — | — | 0 17 0 | Nil. | 0 17 0 | |
| „ - | Angler's Gardens Boys' S. | 360 | 147 | 73 | 3 | — | — | — | 76 | 5 | — | — | — | 4 19 0 | Nil. | 4 19 0 | |

## Instruction in Drawing in Elementary Day Schools—*continued.*

| Town. | Name of School. | Total No. of Children taught Drawing. | No. examined in 1st and 2nd Grades. | No. satisfactorily taught, 1st Grade. | No. showing proficiency, 1st Grade. | No. who excelled and obtained Prizes, 1st Grade. | No. of Children who passed in 2nd Grade. | No. of Children who obtained Prizes in 2nd Grade. | No. of Children on whom Payments were made. | No. of Pupil-teachers and paid Monitors examined. | No. of Pupil-teachers and paid Monitors passed. | No. of Pupil-teachers and paid Monitors who obtained Prizes. | No. of Pupil-teachers and paid Monitors on whom Payments were made. | Amount of Payments made to the School on account of Drawing. | Cost of Prizes and Examples. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *London School Board*—cont. | | | | | | | | | | | | | | £ s. d. | £ s. d. | £ s. d. |
| Finsbury Division—*cont.* | Angler's Gardens Girls' S. | 120 | 114 | 27 | 2 | 2 | — | — | 31 | 4 | 1 | — | — | 2 17 0 | 0 4 4 | 3 1 4 |
| ,, | Bath Street Boys' S. | 470 | 315 | 201 | 38 | 6 | | | 245 | 16 | 4 | 1 | 5 | 18 5 0 | 1 3 3 | 19 8 3 |
| ,, | Bath Street Girls' S. | 250 | 203 | 75 | 9 | 5 | | | 89 | — | — | | | 6 8 0 | 0 10 8 | 6 18 8 |
| ,, | Blundell St. Boys' S. | 280 | 221 | 157 | 15 | 3 | | | 175 | 2 | 1 | | 1 | 11 6 0 | 0 6 6 | 11 12 6 |
| ,, | Blundell St. Girls' S. | 280 | 100 | 70 | 11 | 2 | | | 83 | — | — | | | 5 18 0 | 0 4 4 | 6 2 4 |
| ,, | Bowling Green Lane Boys' S. | 193 | 135 | 68 | 4 | 2 | | | 74 | — | — | | | 5 2 0 | 0 4 4 | 5 6 4 |
| ,, | Bowling Green Lane Girls' S. | 50 | 50 | 26 | 4 | — | — | — | 30 | — | — | — | — | 2 14 0 | Nil. | 2 14 0 |
| ,, | Central St. Boys' S. | 200 | 114 | 68 | 7 | 2 | | | 77 | 2 | | | | 5 8 0 | 0 4 4 | 5 12 4 |
| ,, | Central St. Girls' S. | 230 | 94 | 45 | 8 | 1 | | | 54 | 8 | 4 | | | 4 4 0 | 0 2 2 | 4 6 2 |
| ,, | Charles Street S. | 49 | 49 | 36 | 4 | 1 | | | 41 | — | — | | | 3 7 0 | 0 2 2 | 3 9 2 |
| ,, | Chequer Alley, Hope S. | 165 | 105 | 41 | 4 | 3 | | | 48 | 3 | 1 | | | 3 18 0 | 0 6 6 | 4 4 6 |
| ,, | Compton Mews Boys' S. | 100 | 79 | 48 | 13 | 4 | | | 65 | 2 | | | | 5 6 0 | 0 8 8 | 5 14 8 |
| ,, | Compton Mews Girls' S. | 80 | 50 | 30 | 3 | 2 | | | 35 | 3 | | | | 3 2 0 | 0 4 4 | 3 6 4 |
| ,, | Cottenham Rd. Boys' S. | 380 | 255 | 108 | 7 | — | | | 115 | 6 | 3 | | 3 | 8 12 0 | Nil. | 8 12 0 |
| ,, | Cottenham Rd. Girls' S. | 288 | 92 | 54 | 6 | 3 | — | — | 63 | 5 | 1 | 1 | 2 | 5 15 0 | 0 16 6 | 6 11 6 |
| ,, | Field Lane Boys' S. | 167 | 60 | 38 | 7 | 4 | | | 49 | 2 | | | | 4 4 0 | 0 8 8 | 4 12 8 |
| ,, | Field Lane Girls' S. | 100 | 30 | 19 | — | — | | | 19 | 3 | | | | 0 19 0 | Nil. | 0 19 0 |
| ,, | Gt. Queen St. Boys' S. | 203 | 163 | 112 | 15 | 6 | | | 133 | 7 | 2 | | 2 | 10 0 0 | 4 18 10 | 14 18 10 |
| ,, | Gt. Queen St. Girls' S. | 90 | 46 | 28 | 9 | 5 | | | 42 | — | — | | | 4 1 0 | 0 10 6 | 4 11 6 |
| ,, | Hornsey Rd. Boys' S. | 120 | 60 | 52 | 1 | 1 | | | 54 | — | — | | | 3 17 0 | 0 2 2 | 3 19 2 |
| ,, | Hornsey Rd. Girls' S. | 26 | 6 | 5 | — | 1 | | | 6 | — | — | | | 0 8 0 | 0 2 2 | 0 10 2 |
| ,, | Laystall St. Boys' S. | 70 | 24 | 17 | 1 | — | | | 18 | 1 | 1 | | 1 | 1 9 0 | Nil. | 1 9 0 |
| ,, | St. John's Lane S. | 150 | 90 | 58 | 6 | 1 | | | 65 | 2 | — | | | 4 13 0 | 0 2 2 | 4 15 2 |
| ,, | Winchester St. S. | 441 | 240 | 82 | 5 | — | — | — | 33 | 12 | 3 | — | — | 2 10 0 | Nil. | 2 10 0 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ,, | York Road Boys' S. | 303 | 250 | 133 | 4 | — | — | — | 137 | 8 | 1 | — | 1 | 8 13 0 | Nil. | 8 13 0 |
| ,, | York Road Girls' S. | 184 | 113 | 80 | 4 | 1 | — | — | 85 | — | — | — | — | 5 11 0 | 0 2 2 | 5 13 2 |
| Hackney Division | Bethnal Green, Bonner Lane S. | 220 | 161 | 58 | 9 | 1 | — | — | 68 | 4 | 2 | — | 2 | 5 19 0 | 0 2 2 | 6 1 2 |
| ,, | Bethnal Green, Claremont St. Boys' S. | 200 | 81 | 60 | 5 | — | — | — | 65 | — | — | — | — | 4 10 0 | Nil. | 4 10 0 |
| ,, | Bethnal Green, Claremont St. Girls' S. | 60 | 59 | 18 | 3 | — | — | — | 21 | — | — | — | — | 2 4 0 | Nil. | 2 4 0 |
| ,, | Bethnal Green, Globe Terrace S. | 380 | 203 | 138 | 7 | — | — | — | 145 | 7 | 1 | — | 1 | 9 2 0 | Nil. | 9 2 0 |
| ,, | Bethnal Green, Olga St. Boys' S. | 394 | 221 | 169 | 25 | 5 | — | — | 199 | — | — | — | — | 12 14 0 | 0 10 10 | 13 4 10 |
| ,, | Bethnal Green, Olga St. Girls' S. | 285 | 146 | 88 | 5 | 2 | — | — | 95 | — | — | — | — | 6 4 0 | 0 4 4 | 6 8 4 |
| ,, | Bethnal Green, Turin St. Boys' S. | 200 | 181 | 109 | 4 | — | — | — | 113 | 5 | — | — | — | 6 17 0 | Nil. | 6 17 0 |
| ,, | Bethnal Green, Turin St. Girls' S. | 200 | 150 | 35 | 1 | — | — | — | 36 | 6 | — | — | — | 2 17 0 | Nil. | 2 17 0 |
| ,, | Bethnal Green, Wilmot St. Boys' S. | 435 | 350 | 185 | 16 | 4 | — | — | 205 | 7 | 3 | — | 3 | 13 19 0 | 0 8 10 | 14 7 10 |
| ,, | Bethnal Green, Wilmot St. Girls' S. | 228 | 199 | 88 | 63 | 6 | — | — | 157 | 8 | — | 1 | 1 | 13 12 0 | 1 3 2 | 14 15 2 |
| ,, | Dalston, Pownall Rd. S. | 130 | 97 | 61 | 6 | 1 | — | — | 68 | — | — | — | — | 4 16 0 | 0 2 2 | 4 18 2 |
| ,, | Hackney, Chatham Place S. | 200 | 76 | 48 | 8 | 1 | — | — | 57 | 4 | 1 | — | 1 | 4 17 0 | 0 2 2 | 4 19 2 |
| ,, | Hackney, Orchard St. Boys' S. | 200 | 113 | 85 | 7 | — | — | — | 92 | 4 | 1 | — | 1 | 6 9 0 | Nil. | 6 9 0 |
| ,, | Hackney, Orchard St. Girls' S. | 73 | 32 | 11 | 4 | — | — | — | 15 | — | — | — | — | 0 19 0 | Nil. | 0 19 0 |
| ,, | Haggerston, Maidstone St. Boys' S. | 400 | 200 | 118 | 41 | 13 | — | — | 172 | 7 | 3 | — | 3 | 14 9 0 | 1 8 2 | 15 17 2 |
| ,, | Haggerston, Maidstone St. Girls' S. | 120 | 90 | 40 | 6 | 1 | — | — | 47 | — | — | — | — | 3 15 0 | 0 2 2 | 3 17 2 |
| ,, | Hoxton, Hamond Square Boys' S. | 416 | 406 | 239 | 32 | 15 | — | — | 286 | — | — | — | — | 18 8 0 | 2 18 10 | 21 6 10 |
| ,, | Hoxton, Hamond Square Girls' S. | 210 | 187 | 68 | 8 | 2 | — | — | 78 | — | — | — | — | 5 10 0 | 0 4 4 | 5 14 4 |
| ,, | Kingsland, Tottenham Road S. | 190 | 171 | 89 | 1 | — | — | — | 90 | — | — | — | — | 5 11 0 | Nil. | 5 11 0 |
| ,, | London Fields, West Street Boys' S. | 377 | 298 | 86 | 5 | 4 | — | — | 95 | — | — | — | — | 6 8 0 | 0 8 8 | 6 16 8 |
| ,, | London Fields, West Street Girls' S. | 200 | 174 | 60 | 4 | — | — | — | 64 | — | — | — | — | 4 8 0 | Nil. | 4 8 0 |
| ,, | Shoreditch, Motley St. Girls' S. | 135 | 35 | 14 | 1 | 1 | — | — | 16 | — | — | — | — | 0 19 0 | 0 2 2 | 1 1 2 |

## Instruction in Drawing in Elementary Day Schools—*continued.*

| Town. | Name of School. | Total No. of Children taught Drawing. | No. examined in 1st and 2nd Grades. | No. satisfactorily taught, 1st Grade. | No. showing proficiency, 1st Grade. | No. who excelled and obtained Prizes, 1st Grade | No. of Children who passed in 2nd Grade. | No. of Children who obtained Prizes in 2nd Grade. | No. of Children on whom Payments were made. | No. of Pupil-teachers and paid Monitors examined. | No. of Pupil-teachers and paid Monitors passed. | No. of Pupil-teachers and paid Monitors who obtained Prizes. | No. of Pupil-teachers and paid Monitors on whom Payments were made. | Amount of Payments made to the School on account of Drawing. | Cost of Prizes and Examples. | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | £ s. d. | £ s. d. | £ s. d. |
| *London School Board*—cont. | | | | | | | | | | | | | | | | |
| Hackney Division—*cont.* | Shoreditch, Newcastle Street S. | 320 | 75 | 37 | — | — | — | — | 37 | 8 | 1 | — | 1 | 3 17 0 | Nil. | 3 17 0 |
| „ - | Shoreditch, Nichol St. Boys' S. | 273 | 80 | 39 | — | — | — | — | 39 | — | — | — | — | 2 19 0 | Nil. | 2 19 0 |
| „ - | Shoreditch, Nichol St. Girls' S. | 124 | 20 | 13 | 3 | 1 | — | — | 17 | — | — | — | — | 1 2 0 | 0 2 2 | 1 4 2 |
| „ - | Shoreditch, Willow Walk S. | 90 | 90 | 43 | 17 | 4 | — | — | 64 | — | — | — | — | 5 9 0 | 0 8 8 | 5 17 8 |
| „ - | Stoke Newington, Defoe Rd. Boys' S. | 205 | 166 | 104 | 9 | 1 | — | — | 114 | — | — | — | — | 7 5 0 | 0 2 2 | 7 7 2 |
| „ - | Stoke Newington, Defoe Rd. Girls' S. | 141 | 84 | 36 | 22 | 4 | — | — | 62 | — | — | — | — | 5 12 0 | 0 8 8 | 6 0 8 |
| Marylebone Division | Camden Street S. - | 440 | 86 | 76 | 5 | 2 | — | — | 83 | — | — | — | — | 5 12 0 | 10 7 1 | 15 19 1 |
| „ - | Camden Town, Great College Street S. | 235 | 187 | 58 | 6 | 4 | — | — | 68 | 3 | — | — | — | 5 2 0 | 0 8 8 | 5 10 8 |
| „ - | Grays Yard Boys' S. - | 90 | 37 | 23 | 3 | — | — | — | 26 | 2 | 1 | — | 1 | 2 19 0 | Nil. | 2 19 0 |
| „ - | Grays Yard Girls' S. - | 60 | 39 | 24 | 4 | 1 | — | — | 29 | — | — | — | — | 2 15 0 | 0 2 2 | 2 17 2 |
| „ - | Hampstead Road, Henry Street S. | 150 | 81 | 64 | 9 | 2 | — | — | 75 | 6 | 1 | — | 1 | 5 18 0 | 0 4 4 | 6 2 4 |
| „ - | Haverstock Hill S. - | 630 | 286 | 207 | 19 | 3 | — | — | 229 | — | — | — | — | 13 14 0 | 0 6 6 | 14 0 6 |
| „ - | Kentish Town, Hawley Crescent S. | 120 | 69 | 18 | 41 | 10 | — | — | 69 | — | — | — | — | 7 10 0 | 1 2 0 | 8 12 0 |
| „ - | Kentish Town, Mansfield Place Boys' S. | 320 | 258 | 165 | 33 | 3 | — | — | 201 | 4 | 5 | — | 5 | 15 10 0 | 0 6 8 | 15 16 8 |
| „ - | Kentish Town, Mansfield Place Girls' S. | 280 | 160 | 108 | 12 | 4 | — | — | 124 | 12 | — | — | — | 8 4 0 | 0 8 8 | 8 12 8 |
| „ - | Kentish Town, Mansfield Place Infants' S. | 400 | 40 | — | — | — | — | — | — | — | — | — | — | Nil. | Nil. | Nil. |
| „ - | Marylebone, Bell St. Boys' S. | 60 | 30 | 16 | 8 | 1 | — | — | 25 | 2 | 2 | — | — | 2 15 0 | 0 2 2 | 2 17 2 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| „ | - | Marylebone, Bell St. Girls' S.‖ | 20 | 20 | 12 | 8 | — | — | — | 20 | — | — | — | — | 2 8 0 | Nil. | 2 8 0 |
| „ | - | Marylebone, Stephen Street S. | 100 | 20 | 14 | 3 | 3 | — | — | 20 | — | — | — | — | 2 9 0 | 0 6 6 | 2 15 6 |
| „ | - | St. Pancras, Aldenham Street S. | 450 | 317 | 136 | 27 | 16 | — | — | 179 | 7 | 2 | — | 2 | 13 18 0 | 1 14 8 | 15 12 8 |
| „ | - | St. Pancras, Werrington Street S. | 473 | 246 | 133 | 50 | 27 | — | — | 210 | 8 | 6 | — | 6 | 21 14 0 | 8 13 3 | 30 7 3 |
| „ | - | Somers Town, Brewer Street S. | 410 | 273 | 147 | 11 | 2 | — | — | 160 | — | — | — | — | 9 15 0 | 0 4 3 | 9 19 3 |
| Tower Hamlets Division. | | Bow, Old Ford Rd. S. | 600 | 486 | 206 | 34 | 10 | — | — | 250 | 19 | 5 | — | 5 | 18 14 0 | 1 1 8 | 19 15 8 |
| „ | - | Bow, St. Paul's Road Boys' S. | 300 | 253 | 133 | 64 | 15 | — | — | 212 | 6 | 2 | — | 2 | 17 6 0 | 1 10 4 | 18 16 4 |
| „ | - | Bow, St. Paul's Road Girls' S. | 220 | 130 | 55 | 1 | — | — | — | 56 | — | — | — | — | 3 17 0 | Nil. | 3 17 0 |
| „ | - | Bromley, Bruce Rd. S. | 130 | 110 | 58 | 5 | 2 | — | — | 65 | 3 | — | — | — | 4 14 0 | 0 4 4 | 4 18 4 |
| „ | - | Bromley, Mary St. S. | 290 | 278 | 109 | 10 | — | — | — | 119 | 6 | 1 | — | 1 | 7 19 0 | Nil. | 7 19 0 |
| „ | - | Commercial Rd., Lower Chapman Street S. | 260 | 131 | 70 | 5 | 1 | — | — | 76 | — | — | — | — | 5 3 0 | 0 2 2 | 5 5 2 |
| „ | - | Limehouse, Burdett Hall S. | 200 | 195 | 75 | 5 | 1 | — | — | 81 | — | — | — | — | 5 8 0 | 0 2 3 | 5 10 3 |
| „ | - | Limehouse, Cayley Street S. | 250 | 100 | 57 | 2 | 1 | — | — | 60 | 2 | 1 | — | 1 | 4 14 0 | 0 2 2 | 4 16 2 |
| „ | - | Limehouse, Northey Street S. | 420 | 95 | 42 | 11 | 2 | — | — | 55 | — | — | — | — | 4 10 0 | 1 9 10 | 5 19 10 |
| „ | - | Limehouse, St. John's, Halley Street S. | 273 | 234 | 106 | 3 | 4 | 1 | 1 | 115 | 14 | 2 | 1 | 3 | 9 14 0 | 1 9 6 | 11 3 6 |
| „ | - | Mile End, Church St. Boys' S. | 202 | 167 | 97 | 13 | 3 | 1 | — | 114 | 5 | 2 | — | 2 | 8 17 0 | 0 6 4 | 9 3 4 |
| „ | - | Mile End, Church St. Girls' S. | 131 | 102 | 40 | 4 | 1 | — | — | 45 | 3 | 1 | — | 1 | 4 1 0 | 0 2 2 | 4 3 2 |
| „ | - | Mile End, South Grove Boys' S. | 290 | 160 | 78 | 6 | 3 | — | — | — | 4 | 1 | — | — | 6 9 0 | 0 6 6 | 6 15 6 |
| „ | - | Mile End, South Grove Girls' S. | 260 | 90 | 41 | 1 | — | — | — | — | 4 | — | — | — | 3 3 0 | Nil. | 3 3 0 |
| „ | - | Mile End, King Edward Street, S. | 60 | 41 | 12 | 2 | — | — | — | 14 | — | — | — | — | 0 16 0 | Nil. | 0 16 0 |
| „ | - | Millwall, British St. Boys' S. | 202 | 198 | 139 | 13 | 6 | — | — | 158 | 1 | 1 | — | 1 | 10 13 0 | 0 13 0 | 11 6 0 |
| „ | - | Millwall, British St. Girls' S. | 50 | 28 | 15 | 2 | 1 | — | — | 18 | — | — | — | — | 1 2 0 | 0 2 2 | 1 4 2 |
| „ | - | Old Ford, Atley Rd. S. | 500 | 324 | 257 | 25 | 4 | — | — | 286 | 17 | 3 | 1 | 4 | 19 19 0 | 0 19 2 | 20 18 2 |
| „ | - | Poplar, Richard St. S. | 400 | 241 | 168 | 23 | 3 | — | — | 194 | 7 | 1 | — | 1 | 12 13 0 | 2 17 7 | 15 10 7 |
| „ | - | Poplar, Upper North Street Boys' S. | 239 | 151 | 92 | 21 | 8 | — | — | 121 | 11 | 2 | 3 | 5 | 11 8 0 | 1 17 1 | 13 5 1 |

Appendix C.
DRAWING IN ELEMENTARY DAY SCHOOLS.

Instruction in Drawing in Elementary Day Schools—*continued.*

| Town. | Name of School. | Total No. of Children taught Drawing. | No. examined in 1st and 2nd Grades. | No. satisfactorily taught, 1st Grade. | No. showing proficiency, 1st Grade. | No. who excelled and obtained Prizes, 1st Grade. | No. of Children who passed in 2nd Grade. | No. of Children who obtained Prizes in 2nd Grade. | No. of Children on whom Payments were made. | No. of Pupil-teachers and paid Monitors examined. | No. of Pupil-teachers and paid Monitors passed. | No. of Pupil-teachers and paid Monitors who obtained Prizes. | No. of Pupil-teachers and paid Monitors on whom Payments were made. | Amount of Payments made to the School on account of Drawing. | Cost of Prizes and Examples. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *London School Board*—cont | | | | | | | | | | | | | | £ s. d. | £ s. d. | £ s. d. |
| Tower Hamlets Division—*cont.* | Poplar, Upper North Street Girls' S. | 191 | 127 | 54 | 6 | 1 | — | — | 61 | — | — | — | — | 4 9 0 | 0 2 3 | 4 11 3 |
| " - | Ratcliff, Broad Street Boys' S. | 360 | 236 | 125 | 21 | 5 | — | — | 151 | — | — | — | — | 10 2 0 | 0 11 1 | 10 13 1 |
| " - | Ratcliff, " Girls' S. | 260 | 179 | 89 | 6 | — | — | — | 95 | — | — | — | — | 6 1 0 | Nil. | 6 1 0 |
| " - | St. George-in-the-East Berner St. Boys' S. | 130 | 96 | 21 | 6 | 2 | — | — | 29 | — | — | — | — | 2 19 0 | 0 4 4 | 3 3 4 |
| " - | St. George-in-the-East, Berner St. Girls' S. | 160 | 90 | 22 | 4 | 1 | — | — | 27 | — | — | — | — | 2 13 0 | 0 2 2 | 2 15 2 |
| " - | Shadwell, High Street, Boys' S. | 110 | 87 | 30 | 2 | — | — | — | 32 | — | — | — | — | 2 14 0 | Nil. | 2 14 0 |
| " - | Shadwell, High Street Girls' S. | 71 | 26 | 17 | 1 | — | — | — | 18 | 3 | 1 | — | — | 0 19 0 | Nil. | 0 19 0 |
| " - | Spitalfields, Wood St. Boys' S. | 65 | 30 | 21 | 3 | — | — | — | 24 | 3 | 1 | — | — | 2 7 0 | Nil. | 2 7 0 |
| " - | Spitalfields, Wood St. Girls' S. | 42 | 31 | 18 | 3 | 1 | — | — | 22 | — | — | — | — | 2 7 0 | 0 2 2 | 2 9 2 |
| " - | Stepney, Baker St. S. | 48 | 41 | 20 | 1 | — | — | — | 21 | 4 | — | — | — | 2 2 0 | Nil. | 2 2 0 |
| " - | Stepney, Essex St. S. | 150 | 148 | 101 | 9 | — | — | — | 110 | — | — | — | — | 6 19 0 | Nil. | 6 19 0 |
| | Stepney, Gloucester Street Boys' S. | 290 | 154 | 101 | 4 | — | — | — | 105 | — | — | — | — | 6 9 0 | Nil. | 6 9 0 |
| " - | Stepney, Gloucester Street Girls' S. | 80 | 65 | 19 | 3 | 1 | — | — | 23 | 5 | 1 | — | — | 2 8 0 | 0 2 2 | 2 10 2 |
| " - | Stepney, Jonson St. Boys' S. | 450 | 231 | 179 | 20 | 1 | — | — | 200 | — | — | — | — | 12 2 0 | 0 2 2 | 12 4 2 |
| " - | Stepney, Jonson St. Girls' S. | 350 | 99 | 62 | 9 | 3 | — | — | 74 | — | — | — | — | 5 9 0 | 0 6 6 | 5 15 6 |
| " - | Whitechapel, Bucks Row Boys' S. | 50 | 25 | 15 | 4 | 2 | — | — | 21 | 3 | 2 | — | 2 | 3 9 0 | 0 4 4 | 3 13 4 |
| " - | Whitechapel, Old Castle Street S. | 150 | 95 | 28 | — | — | — | — | 28 | — | — | — | — | 2 8 0 | Nil. | 2 8 0 |

Appendix C.

DRAWING IN ELEMENTARY DAY SCHOOLS.

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Southgate | Boys' Ch. of E. S. | 50 | 52 | 23 | 3 | — | — | — | 26 | 2 | 1 | — | — | 2 9 0 | Nil. | 2 9 0 |
| Stanmore, Gt. | N. S. | 55 | 47 | 28 | 12 | 2 | 2 | — | 44 | 2 | 1 | — | 1 | 5 8 0 | 0 4 0 | 5 12 0 |
| Teddington | Unsectarian S. | 95 | 68 | 30 | 5 | 2 | — | — | 37 | 2 | — | — | — | 3 6 0 | 0 4 4 | 3 10 4 |
| Twickenham | Par. S. | 250 | 156 | 99 | 18 | 8 | — | — | 125 | 4 | — | — | — | 8 19 0 | 0 16 10 | 9 15 10 |
| Uxbridge | St. Margaret's N. S. | 40 | 36 | 14 | 3 | 1 | — | — | 18 | — | — | — | — | 1 3 0 | 0 2 2 | 1 5 2 |
| Willesden | Harlesden Green Wes. S. | 15 | 7 | — | — | — | — | — | — | — | — | — | — | Nil. | Nil. | Nil. |
| MONMOUTH. | | | | | | | | | | | | | | | | |
| Abergavenny | Victoria Street B. S. | 100 | 79 | 49 | 23 | 5 | — | — | 77 | — | — | — | — | 6 10 0 | 0 10 10 | 7 0 10 |
| Abertillery | B. S. | 59 | 44 | 25 | 11 | 5 | — | — | 41 | — | — | — | — | 4 2 0 | 0 10 10 | 4 12 10 |
| Blaenavon | B. S. | 90 | 50 | 32 | 3 | 3 | — | — | 38 | — | — | — | — | 3 7 0 | 0 6 6 | 3 13 6 |
| " | Wes. S. | 120 | 120 | 62 | 8 | 1 | — | — | 71 | — | — | — | — | 5 1 0 | 0 2 2 | 5 3 2 |
| Blaina | B. S. | 150 | 105 | 54 | 13 | 10 | — | — | 77 | — | 2 | — | 2 | 7 10 0 | 5 10 8 | 13 0 8 |
| Chepstow | Welsh Street Bd. S. | 49 | 41 | 23 | 12 | 2 | — | — | 37 | — | — | — | — | 3 13 0 | 0 4 5 | 3 17 5 |
| Govilon | B. S. | 60 | 36 | 22 | 6 | 4 | — | — | 32 | 1 | — | — | — | 3 6 0 | 0 8 6 | 3 14 6 |
| Goytrey | B. S. | 75 | 38 | 28 | 6 | 3 | — | — | 37 | — | — | — | — | 3 9 0 | 2 9 7 | 5 18 7 |
| Mamhilad and Llanvihangel. | N. S. | 43 | 32 | 16 | 2 | — | — | — | 18 | — | — | — | — | 1 0 0 | Nil. | 1 0 0 |
| Newport | Commercial St. Boys' N. S. | 150 | 111 | 80 | 7 | 4 | — | — | 91 | — | — | — | — | 6 6 0 | 0 8 6 | 6 14 6 |
| " | Commercial St. Girl's N. S. | 100 | 132 | 80 | 13 | — | — | — | 93 | 12 | 2 | — | 2 | 7 6 0 | Nil. | 7 6 0 |
| " | Maindee N. S. | 95 | 92 | 65 | 19 | 6 | — | — | 90 | 2 | — | — | — | 7 1 0 | 0 13 1 | 7 14 1 |
| " | " Wes. S. | 90 | 65 | 35 | 9 | 3 | — | — | 47 | 2 | — | 1 | 1 | 5 2 0 | 0 15 5 | 5 17 5 |
| " | Pillgwenlly Ch. of E. S. | 155 | 111 | 76 | 8 | 2 | — | — | 86 | 3 | — | — | — | 5 18 0 | 0 4 4 | 6 2 4 |
| " | " Wes. S. | 250 | 190 | 81 | 22 | 7 | — | — | 110 | 1 | 1 | — | — | 8 6 0 | 0 15 5 | 9 1 5 |
| Pontypool | Llamrechoa Bd. S. | 80 | 70 | 38 | 13 | 7 | — | — | 58 | — | — | — | — | 5 5 0 | 0 15 2 | 6 0 2 |
| Rhymney | Iron Works Ch. of E. S. | 155 | 106 | 70 | 14 | 3 | — | — | 87 | 2 | — | — | — | 6 7 0 | 0 6 6 | 6 13 6 |
| Varteg | Colliery S. | 100 | 63 | 50 | | 4 | — | — | 63 | 3 | — | — | — | 5 0 0 | 0 8 9 | 5 8 9 |
| NORFOLK. | | | | | | | | | | | | | | | | |
| Cley-next-Sea | Bd. S. | 61 | 45 | 28 | 4 | — | — | — | 32 | 1 | — | 1 | 1 | 3 6 0 | 0 10 6 | 3 16 6 |
| Dereham, East | London Road Bd. S. | 80 | 70 | 42 | 3 | 1 | 2 | — | 48 | 4 | 2 | — | 2 | 5 1 0 | 0 2 2 | 5 3 2 |
| Diss | Victoria Rd. Bd. S. | 61 | 55 | 42 | 5 | 1 | — | — | 48 | 2 | 1 | — | 1 | 4 5 0 | 2 13 10 | 6 18 10 |
| Holt | B. S. | 60 | 45 | 29 | 6 | 3 | — | — | 38 | 2 | — | — | — | 3 10 0 | 0 6 9 | 3 16 9 |
| King's Lynn | All Saints' N. S. | 100 | 44 | 29 | 10 | 4 | — | — | 43 | — | — | — | — | 4 1 0 | 0 8 8 | 4 9 8 |
| Langham | N. S. | 29 | 21 | 17 | 2 | — | — | — | 19 | 1 | — | — | — | 1 1 0 | Nil. | 1 1 0 |
| Norwich | Calvert St. Presbn. S. | 100 | 87 | 69 | 13 | 1 | — | — | 83 | — | — | — | — | 5 18 0 | 0 2 0 | 6 0 0 |
| " | Lancasterian Bd. S. | 85 | 65 | 48 | 1 | — | — | — | 49 | — | — | — | — | 3 10 0 | 0 2 0 | 3 12 0 |
| " | Mariner's Lane Bd. S. | 102 | 91 | 45 | 3 | 2 | — | — | 50 | 5 | 1 | 2 | 3 | 6 7 0 | 3 6 7 | 9 13 7 |
| " | Pockthorpe B. S. | 80 | 41 | 30 | 7 | 3 | 1 | — | 41 | — | — | — | — | 3 18 0 | 0 6 8 | 4 4 8 |
| " | Princes St. Model S. | 235 | 186 | 121 | 12 | 1 | — | — | 134 | 5 | 1 | 1 | 2 | 9 18 0 | 0 12 6 | 10 10 6 |
| " | St. Mark's S., Lakenham | 191 | 170 | 106 | 16 | 2 | — | — | 124 | 4 | 2 | — | — | 8 4 0 | 0 4 2 | 8 8 2 |
| " | St. Peter's S. | 100 | 60 | 34 | 5 | — | — | — | 39 | — | — | — | — | 3 4 0 | Nil. | 3 4 0 |
| " | St. Philip's S. | 260 | 164 | 123 | 16 | 5 | — | — | 144 | 3 | 3 | — | 3 | 11 10 0 | 0 11 0 | 12 1 0 |

Instruction in Drawing in Elementary Day Schools—*continued.*

| Town. | Name of School. | Total No. of Children taught Drawing. | No. examined in 1st and 2nd Grades. | No. satisfactorily taught, 1st Grade. | No. showing proficiency, 1st Grade. | No. who excelled and obtained Prizes, 1st Grade. | No. of Children who passed in 2nd Grade. | No. of Children who obtained Prizes in 2nd Grade. | No. of Children on whom Payments were made. | No. of Pupil-teachers and paid Monitors examined. | No. of Pupil-teachers and paid Monitors passed. | No. of Pupil-teachers and paid Monitors who obtained Prizes. | No. of Pupil-teachers and paid Monitors on whom Payments were made. | Amount of Payments made to the School on account of Drawing. | Cost of Prizes and Examples. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | £ s. d. | £ s. d. | £ s. d. |
| Norwich - - | St. Stephen's N. S. - | 86 | 62 | 30 | 7 | 1 | — | — | 38 | 4 | — | — | — | 3 7 0 | 0 2 2 | 3 9 2 |
| " - - | South Heigham Trin. Ch. of E. S. | 83 | 70 | 23 | 3 | — | — | — | 26 | 2 | 1 | — | — | 2 9 0 | Nil. | 2 9 0 |
| " - - | Sun Lane Bd. S. - | 60 | 41 | 32 | 4 | 3 | — | — | 39 | 5 | — | — | — | 3 9 0 | 0 6 4 | 3 15 4 |
| " - - | Trinity Presb. S. - | 108 | 72 | 53 | 6 | 2 | — | — | 61 | — | — | — | — | 4 11 0 | 0 4 4 | 4 15 4 |
| South Creake - | N. S. - - - | 50 | 40 | 6 | — | — | — | — | 6 | 1 | — | — | — | 0 6 0 | Nil. | 0 6 0 |
| Swaffham - - | N. S. - - - | 90 | 83 | 44 | 3 | 2 | — | — | 49 | 4 | 2 | — | 2 | 4 16 0 | 0 4 5 | 5 0 5 |
| Thetford - - | B. S. - - - | 50 | 43 | 20 | 3 | — | — | — | 23 | 5 | — | — | — | 2 6 0 | Nil. | 2 6 0 |
| " - - | N. S. - - - | 24 | 24 | 16 | 8 | — | — | — | 24 | — | — | — | — | 2 12 0 | Nil. | 2 12 0 |
| Thorpe Hamlet - | N. S. - - - | 92 | 82 | 52 | 5 | — | 2 | — | 59 | 3 | 1 | — | 1 | 5 2 0 | Nil. | 5 2 0 |
| Walsham North - | Bd. S. - - - | 156 | 69 | 47 | 9 | 1 | — | — | 57 | 3 | 1 | — | — | 4 8 0 | 0 2 2 | 4 10 2 |
| Worstead - - | N. S. - - - | 40 | 40 | 23 | 2 | 1 | — | — | 26 | 1 | — | — | — | 2 10 0 | 0 2 2 | 2 12 2 |
| Wymondham - - | Bd. S. - - - | 40 | 35 | 22 | 8 | 2 | — | — | 32 | 2 | 2 | — | 2 | 4 14 0 | 0 4 2 | 4 18 2 |
| Yarmouth, Great - | Gourlay Wes. S. - | 145 | 121 | 65 | 6 | 4 | 1 | 1 | 77 | 7 | 1 | 1 | 2 | 6 19 0 | 1 9 11 | 8 8 11 |
| " " - | Priory Plain Meth. S. | 150 | 60 | 43 | 4 | — | — | — | 47 | — | — | — | — | 3 11 0 | Nil. | 3 11 0 |
| " " - | St. George's Rd. B. S. | 280 | 203 | 124 | 30 | 23 | 3 | 2 | 182 | 10 | 4 | — | 4 | 16 18 0 | 3 9 5 | 20 7 5 |
| " " - | St. James N. S. - | 59 | 47 | 34 | 3 | — | — | — | 37 | 9 | 1 | 1 | 2 | 4 0 0 | 0 10 0 | 4 10 0 |
| " " - | St. Mary's R. C. S. - | 56 | 35 | 20 | 2 | 1 | — | — | 23 | 1 | — | — | — | 2 7 0 | 0 2 0 | 2 9 0 |
| Yarmouth, Great - | St. Nicholas' Boys' S. | 250 | 182 | 103 | 18 | 3 | — | — | 124 | 3 | 3 | — | 3 | 9 18 0 | 0 6 7 | 10 4 7 |
| " " - | " Girls' S. | 46 | 35 | 24 | 2 | — | — | — | 26 | 8 | — | — | — | 2 8 0 | Nil. | 2 8 0 |
| " " - | St. Peter's N. S. - | 120 | 100 | 45 | 6 | 2 | 2 | — | 55 | 8 | 1 | 2 | 3 | 6 3 0 | 1 5 1 | 7 8 1 |
| NORTHAMPTON. | | | | | | | | | | | | | | | | |
| Banbury, South - | Ch. of E. S. - - | 85 | 28 | 15 | 11 | 2 | — | — | 28 | — | — | — | — | 3 3 0 | 0 4 4 | 3 7 4 |
| Brigstock - - | B. S. - - - | 38 | 31 | 13 | 15 | 3 | — | — | 31 | — | — | — | — | 3 12 0 | 0 6 6 | 3 18 6 |
| Byfield - - | Par. S. - - - | 50 | 33 | 23 | 1 | — | — | — | 24 | 1 | — | — | — | 2 5 0 | Nil. | 2 5 0 |
| Corby - - | B. S. - - - | 46 | 37 | 27 | 9 | 1 | — | — | 37 | — | — | — | — | 3 8 0 | 0 2 2 | 3 10 2 |
| Dallington - - | St. James' S. - - | 215 | 91 | 68 | 14 | 1 | — | — | 83 | 2 | 1 | — | 1 | 6 9 0 | 0 2 0 | 6 11 0 |
| Denshanger and Passenham. | N. S. - - - | 55 | 48 | 40 | 3 | 1 | — | — | 44 | — | — | — | — | 3 9 0 | 0 2 2 | 3 11 2 |
| Kettering - - | N. S. - - - | 227 | 175 | 103 | 25 | 4 | — | — | 132 | — | — | — | — | 9 5 0 | 0 8 8 | 9 13 8 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Moulton and Overstone. | N. S. | 22 | 19 | 14 | 4 | 1 | — | — | 19 | — | — | — | — | 1 5 0 | | 0 2 2 | | 1 7 2 | |
| Northampton | All Saints' N. S. | 282 | 156 | 98 | 31 | 13 | 1 | — | 143 | 1 | — | — | — | 11 4 0 | | 1 8 3 | | 12 12 3 | |
| „ | St. Giles' Par. S. | 47 | 47 | 21 | 6 | 2 | — | — | 6 | 4 | 1 | — | — | 1 6 0 | | 0 4 4 | | 1 10 4 | |
| Peterborough | B. S. | 200 | 153 | 98 | 40 | 12 | — | — | 150 | — | — | — | — | 11 14 0 | | 1 5 10 | | 12 19 10 | |
| „ | Pract. S. | 116 | 97 | 70 | 13 | 10 | — | — | 93 | 1 | 1 | — | 1 | 7 16 0 | | 1 0 10 | | 8 16 10 | |
| Thrapston | Raund's N. S. | 140 | 76 | 37 | 17 | 5 | — | — | 59 | 6 | 1 | — | 1 | 6 6 0 | | 0 8 8 | | 6 14 8 | |
| Welford and Sulby | Endowed S. | 12 | 12 | 8 | 3 | — | — | — | 11 | — | — | — | — | 0 14 0 | | Nil. | | 0 14 0 | |
| Wellingborough | Freeman's Endowed S. | 80 | 61 | 27 | 24 | 7 | — | — | 58 | 1 | — | — | — | 5 16 0 | | 0 15 2 | | 6 11 2 | |
| „ | Lower Free S. | 95 | 90 | 39 | 23 | 10 | — | — | 72 | — | — | — | — | 6 15 0 | | 1 2 1 | | 7 17 1 | |
| „ | Park St. Bd. S. | 75 | 70 | 39 | 9 | 1 | — | — | 49 | 2 | — | — | — | 4 0 0 | | 0 2 2 | | 4 2 2 | |
| Werrington | Paston N. S. | 60 | 46 | 32 | 7 | 2 | 1 | — | 42 | 2 | 1 | 1 | 2 | 4 17 0 | | 0 13 3 | | 5 10 3 | |
| Woodford | N. S. | 60 | 49 | 39 | 4 | — | — | — | 43 | 1 | 1 | — | 1 | 3 17 0 | | Nil. | | 3 17 0 | |
| NORTHUMBERLAND. | | | | | | | | | | | | | | | | | | | |
| Allendale | Bride's Hill B. S. | 50 | 45 | 31 | 13 | 1 | — | — | 45 | 1 | — | — | — | 4 0 0 | | 0 2 2 | | 4 2 2 | |
| Allenheads | B. S. | 54 | 45 | 20 | 19 | 4 | 1 | — | 44 | 2 | — | 1 | 1 | 5 15 0 | | 0 19 6 | | 6 14 6 | |
| Bedlington | Ch. of E. S. | 190 | 126 | 50 | 10 | 2 | — | — | 62 | 7 | 5 | 1 | 6 | 8 16 0 | | 0 14 2 | | 9 10 2 | |
| Berwick-on-Tweed | Palace Green B. S. | 300 | 192 | 142 | 29 | 8 | 4 | — | 183 | 10 | 5 | 3 | 8 | 18 14 0 | | 2 7 3 | | 21 1 3 | |
| „ | Spittal B. S. | 73 | 59 | 57 | 2 | — | — | — | 59 | 2 | — | — | — | 4 1 0 | | Nil. | | 4 1 0 | |
| Blyth | Horton Ch. of E. S. | 71 | 60 | 48 | 6 | 4 | — | — | 58 | 2 | 1 | — | 1 | 5 2 0 | | 0 8 11 | | 5 10 11 | |
| „ | Stanley St. Congl. S. | 30 | 25 | 22 | 3 | — | — | — | 25 | — | — | — | — | 2 8 0 | | Nil. | | 2 8 0 | |
| Cambois | Colliery Undenominational S. | 149 | 100 | 87 | 2 | — | — | — | 89 | — | — | — | — | 5 11 0 | | Nil. | | 5 11 0 | |
| Ellingham | Ch. of E. S. | 54 | 50 | 44 | 6 | — | — | — | 50 | — | — | — | — | 3 16 0 | | Nil. | | 3 16 0 | |
| Greenhead | Blenkinsopp Ch. of E. S. | 34 | 30 | 21 | 5 | 4 | — | — | 30 | 1 | 1 | — | — | 3 3 0 | | 0 8 8 | | 3 11 8 | |
| Matfen | S. | 44 | 37 | 26 | 2 | 1 | — | — | 29 | — | — | — | — | 2 13 0 | | 0 2 2 | | 2 15 2 | |
| Mickley | N. S. | 133 | 83 | 73 | 8 | 1 | — | — | 82 | 1 | — | — | — | 5 12 0 | | 0 2 2 | | 5 14 2 | |
| Newcastle-on-Tyne | Christ Ch. S. | 420 | 378 | 307 | 40 | 10 | 3 | — | 360 | 10 | 3 | — | 3 | 24 2 0 | | 1 1 5 | | 25 3 5 | |
| „ | Clarence St. Wes. S. | 185 | 147 | 100 | 26 | 16 | 1 | — | 143 | 2 | — | — | — | 11 5 0 | | 1 15 5 | | 13 0 5 | |
| „ | Clergy Jubilee S. | 135 | 96 | 78 | 9 | — | — | — | 87 | 3 | 1 | — | 1 | 6 6 0 | | Nil. | | 6 6 0 | |
| „ | Cullercoat's Ch. of E. S. | 120 | 47 | 28 | 13 | 5 | — | — | 46 | — | — | — | — | 4 9 0 | | 0 10 2 | | 4 19 2 | |
| „ | Deaf and Dumb Inst. | 40 | 34 | 17 | 7 | 6 | 1 | — | 31 | 2 | 1 | — | 1 | 4 4 0 | | 0 12 10 | | 4 16 10 | |
| „ | Jubilee Boys' B. S. | 400 | 236 | 182 | 43 | 5 | — | — | 230 | 5 | 1 | 4 | 5 | 18 13 0 | | 2 9 7 | | 21 2 7 | |
| „ | Orphan House Wes. S. | 300 | 165 | 126 | 26 | 16 | — | — | 168 | 11 | 3 | 1 | 4 | 14 6 0 | | 2 4 9 | | 16 10 9 | |
| „ | St. Lawrence Bd. S. | 234 | 190 | 86 | 11 | 5 | — | — | 102 | 9 | 1 | — | 1 | 8 3 0 | | 0 11 0 | | 8 14 0 | |
| „ | St. Mary's Boys' S. | 380 | 290 | 204 | 46 | 33 | 5 | 1 | 289 | 5 | 2 | 2 | 4 | 24 15 0 | | 5 4 1 | | 29 19 1 | |
| „ | St. Nicholas' Boys' S. | 162 | 150 | 122 | 8 | 2 | — | — | 132 | 1 | — | 1 | — | 8 4 0 | | 0 14 10 | | 8 18 10 | |
| „ | St. Paul's N. S. | 120 | 85 | 76 | 4 | 3 | — | — | 83 | — | — | — | — | 5 13 0 | | 0 6 6 | | 5 19 6 | |
| „ | St. Thomas' S. | 170 | 133 | 98 | 14 | 4 | — | — | 116 | — | — | — | — | 7 18 0 | | 3 8 2 | | 11 6 2 | |
| „ | Tindal Street Bd. S. | 265 | 224 | 130 | 15 | 1 | — | — | 146 | 4 | — | — | — | 9 3 0 | | 0 2 3 | | 9 5 5 | |
| Ponteland | Endowed S. | 72 | 67 | 50 | 15 | 1 | — | — | 66 | 1 | — | — | — | 5 3 0 | | 0 2 2 | | 5 5 2 | |
| Shields, North | Christ Ch. S. | 307 | 210 | 161 | 33 | 3 | — | — | 197 | — | — | — | — | 12 16 0 | | 0 6 7 | | 13 2 7 | |
| „ „ | Howard St. Presbn. S. | 223 | 207 | 138 | 59 | 9 | — | — | 206 | 2 | — | 1 | 1 | 15 13 0 | | 1 9 3 | | 17 2 3 | |

## Instruction in Drawing in Elementary Day Schools—*continued.*

| Town. | Name of School. | Total No. of Children taught Drawing. | No. examined in 1st and 2nd Grades. | No. satisfactorily taught, 1st Grade. | No. showing proficiency, 1st Grade. | No. who excelled and obtained Prizes. 1st Grade. | No. of Children who passed in 2nd Grade. | No. of Children who obtained Prizes in 2nd Grade. | No. of Children on whom Payments were made. | No. of Pupil-teachers and paid Monitors examined. | No. of Pupil-teachers and paid Monitors passed. | No. of Pupil-teachers and paid Monitors who obtained Prizes. | No. of Pupil-teachers and paid Monitors on whom Payments were made. | Amount of Payments made to the School on account of Drawing. | Cost of Prizes and Examples. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | £ s. d. | £ s. d. | £ s. d. |
| Shields, North | Kettlewell's S. | 190 | 185 | 86 | 22 | 10 | — | — | 118 | 6 | 3 | 1 | 4 | 11 0 0 | 1 11 11 | 12 11 11 |
| " " | Royal Jubilee Boys' S. | 180 | 130 | 74 | 10 | 3 | — | — | 87 | — | — | — | — | 6 3 0 | 1 11 8 | 7 14 8 |
| " " | Royal Jubilee Girls' S. | 76 | 74 | 42 | 3 | — | — | — | 45 | 2 | 1 | — | 1 | 3 18 0 | Nil. | 3 18 0 |
| " " | St. Cuthbert's R. C. S. | 65 | 40 | 27 | 8 | 4 | — | — | 39 | — | — | — | — | 3 15 0 | 0 8 6 | 4 3 6 |
| " | St. Peter's N. S. | 127 | 78 | 72 | 5 | 1 | — | — | 78 | 7 | — | — | — | 5 5 0 | 0 2 2 | 5 7 2 |
| " " | Stephenson St. Bd. S. | 120 | 105 | 81 | 11 | 1 | — | — | 93 | 5 | — | — | — | 6 6 0 | 0 2 2 | 6 8 2 |
| " " | Tynemouth Middle Class Elementary S. | 110 | 96 | 77 | 14 | 5 | — | — | 96 | 3 | — | — | — | 7 0 0 | 1 6 5 | 8 6 5 |
| " " | Western Bd. S., Boys' | 145 | 134 | 104 | 17 | 5 | — | — | 126 | — | — | — | — | 8 13 0 | 1 6 2 | 9 19 2 |
| " " | Western Bd. S., Girls' | 75 | 50 | 23 | 2 | — | — | — | 25 | 9 | 4 | — | 4 | 4 7 0 | Nil. | 4 7 0 |
| Tynemouth | Priory S. | 130 | 88 | 77 | 6 | 1 | — | — | 84 | — | — | — | — | 5 12 0 | 0 2 2 | 5 14 2 |
| Willington Quay | Meth. F. C. S. | 60 | 50 | 26 | 12 | 3 | — | — | 41 | 3 | 1 | 1 | 2 | 4 19 0 | 0 16 6 | 5 15 6 |
| " | Stephenson Mem[l]. S. | 120 | 68 | 27 | 5 | 2 | — | — | 34 | 10 | 3 | — | 3 | 4 13 0 | 0 4 4 | 4 17 4 |
| NOTTINGHAM. | | | | | | | | | | | | | | | | |
| Beeston | Brown Lane N. S. | 150 | 109 | 46 | 16 | 5 | 1 | 1 | 67 | 6 | 2 | 2 | — | 5 18 0 | 1 19 11 | 7 12 11 |
| " | Wes. S. | 60 | 55 | 21 | 15 | 9 | — | — | 45 | — | — | — | — | 4 18 0 | 0 19 6 | 5 17 6 |
| Carrington | N. S. | 53 | 48 | 29 | 10 | 2 | — | — | 41 | 1 | 1 | — | 1 | 4 5 0 | 0 4 4 | 4 9 4 |
| Eastwood | B. S. | 50 | 46 | 21 | 12 | 6 | — | — | 39 | 2 | 1 | — | 1 | 4 13 0 | 0 13 2 | 5 6 2 |
| Gotham | Bd. S. | 40 | 29 | 11 | 10 | 6 | — | — | 27 | 2 | — | — | — | 3 9 0 | 0 13 0 | 4 2 0 |
| Kimberley | B. S. | 112 | 114 | 52 | 13 | 3 | — | — | 68 | 2 | 1 | — | 1 | 5 17 0 | 0 6 6 | 6 3 6 |
| Mansfield | St. John's S. | 38 | 33 | 19 | 4 | 2 | — | — | 25 | 4 | 1 | — | 1 | 3 3 0 | 0 4 5 | 3 7 5 |
| " | Woodhouse N. S. | 40 | 32 | 15 | 9 | 4 | — | — | 28 | 2 | 2 | — | — | 3 5 0 | 0 8 8 | 3 13 8 |
| Newark | Christ Ch. Boys' S. | 126 | 117 | 66 | 21 | 9 | — | — | 96 | 3 | 1 | — | 1 | 8 5 0 | 0 19 4 | 9 4 4 |
| " | Guildhall St. Wes. S. | 105 | 81 | 42 | 9 | 7 | — | — | 58 | 7 | 2 | — | 2 | 6 1 0 | 0 15 1 | 6 16 1 |
| Nottingham | All Saints' N. S. | 120 | 85 | 44 | 28 | 14 | — | — | 86 | 9 | — | — | — | 8 2 0 | 1 9 6 | 9 11 6 |
| " | Arkwright St. Wes. S. | 350 | 255 | 103 | 18 | 12 | — | — | 133 | — | — | — | — | 9 15 0 | 1 5 9 | 11 0 9 |
| " | Bath Street Bd. S. | 250 | 196 | 111 | 36 | 17 | — | — | 164 | 17 | 3 | — | 3 | 14 4 0 | 1 16 10 | 16 0 10 |
| " | Blue Coat S. | 86 | 83 | 13 | 32 | 32 | 4 | — | 81 | — | — | — | — | 10 13 0 | 3 8 9 | 14 1 9 |
| " | Derby Road B. S. | 230 | 114 | 86 | 16 | 9 | 1 | — | 111 | 1 | — | — | — | 8 5 0 | 7 1 3 | 15 6 3 |
| " | High Pavement B. S. | 380 | 308 | 126 | 80 | 28 | 7 | 2 | 243 | — | — | — | — | 21 15 0 | 3 17 10 | 25 12 10 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| „ | Lenton N. S. | 50 | 35 | 15 | 10 | 3 | — | 1 | 29 | 3 | 2 | — | 2 | 4 9 0 | 0 17 0 | 5 6 0 |
| „ | „ Unsectn Pub. S. | 90 | 111 | 40 | 14 | 7 | — | — | 61 | 6 | 2 | 2 | 4 | 7 9 0 | 1 13 0 | 9 2 0 |
| „ | New Basford B. S. | 53 | 48 | 26 | 12 | 2 | — | — | 40 | 3 | 1 | — | — | 3 16 0 | 0 4 4 | 4 0 4 |
| „ | New Radford B. S. | 70 | 65 | 26 | 8 | 2 | — | — | 36 | 1 | 1 | — | 1 | 3 18 0 | 0 4 4 | 4 2 4 |
| „ | People's Coll. | 220 | 235 | 42 | 61 | 57 | 9 | — | 169 | 1 | 1 | — | 1 | 20 10 0 | 6 4 5 | 26 14 5 |
| „ | St. Andrew's N. S. | 120 | 88 | 51 | 8 | 8 | — | — | 67 | 3 | — | 1 | 1 | 6 1 0 | 8 13 4 | 14 14 4 |
| „ | St. Barnabas' R. C. S. | 117 | 96 | 59 | 13 | 6 | — | — | 78 | 1 | — | — | — | 6 3 0 | 0 13 4 | 6 16 4 |
| „ | St. Mark's S. | 60 | 37 | 22 | 1 | — | — | — | 23 | 3 | 1 | — | 1 | 2 14 0 | Nil. | 2 14 0 |
| „ | St. Nicholas' N. S. | 100 | 30 | 19 | 3 | 3 | — | — | 25 | — | — | — | — | 2 14 0 | 0 6 6 | 3 0 6 |
| „ | St. Peter's Par. S. | 26 | 16 | 3 | 3 | 1 | — | — | 6 | 6 | 1 | — | — | 0 4 0 | 0 2 2 | 0 6 2 |
| „ | St. Saviour's S. | 140 | 179 | 80 | 13 | 6 | — | — | 99 | 2 | — | — | — | 7 4 0 | 0 13 0 | 7 17 0 |
| „ | St. Stephen's Hall S. | 40 | 34 | 15 | 2 | — | — | — | 17 | 2 | 1 | — | 1 | 1 19 0 | Nil. | 1 19 0 |
| „ | Trinity N. S. | 527 | 316 | 160 | 80 | 28 | 3 | — | 271 | 16 | 5 | 4 | 9 | 27 19 0 | 7 8 4 | 35 7 4 |
| Retford | Wes. S. | 99 | 82 | 39 | 5 | 3 | — | — | 47 | — | — | — | — | 3 18 0 | 0 6 6 | 4 4 6 |
| Skegby | Stanton Hill S. | 160 | 113 | 37 | 9 | 2 | — | — | 48 | — | — | — | — | 4 1 0 | 0 4 4 | 4 5 4 |
| Southwell | N. S. | 124 | 89 | 32 | 17 | 5 | — | — | 54 | — | — | — | — | 5 1 0 | 0 10 10 | 5 11 10 |
| Sutton-in-Ashfield | Ch. Street N. S. | 86 | 67 | 48 | 6 | 2 | — | — | 56 | 6 | 4 | — | 4 | 6 16 0 | 0 4 4 | 7 0 4 |
| „ | Forest Side Bd. S. | 45 | 30 | 18 | 6 | 1 | — | — | 25 | 2 | — | — | — | 2 13 0 | 0 2 2 | 2 15 2 |
| „ | High Pavement Bd. S. | 50 | 41 | 24 | 2 | — | — | — | 26 | — | 1 | — | — | 2 8 0 | Nil. | 2 8 0 |
| OXFORD. | | | | | | | | | | | | | | | | |
| Banbury | Cherwell B. S. | 140 | 113 | 61 | 24 | 7 | 2 | — | 94 | 3 | — | — | — | 8 10 0 | 1 4 0 | 9 14 0 |
| „ | Crouch St. Boys' B. S. | 180 | 144 | 84 | 33 | 12 | 7 | 1 | 137 | — | — | — | — | 12 6 0 | 1 16 1 | 14 2 1 |
| „ | „ Girls' B. S. | 166 | 110 | 64 | 16 | 12 | — | — | 92 | — | — | — | — | 7 12 0 | 1 5 9 | 8 17 9 |
| Charlbury | Finstock and Fawler N. S. | 46 | 32 | 17 | 6 | 3 | — | — | 26 | — | — | — | — | 2 18 0 | 0 6 7 | 3 4 7 |
| Cropredy and Bourton. | N. S. | 58 | 43 | 27 | 15 | — | — | — | 42 | 3 | — | — | — | 3 17 0 | Nil. | 3 17 0 |
| Garsington | Ch. of E. S. | 65 | 33 | 19 | 4 | 1 | — | — | 24 | 2 | — | — | — | 2 10 0 | 0 2 2 | 2 12 2 |
| Oxford | Bulwarks Lane Wes. S. | 250 | 172 | 118 | 26 | 10 | 3 | — | 157 | 4 | 1 | — | 1 | 12 5 0 | 1 1 3 | 13 6 3 |
| „ | Central Elementary S. | 130 | 88 | 42 | 23 | 5 | — | — | 70 | 3 | 1 | — | 1 | 6 13 0 | 0 10 10 | 7 3 10 |
| „ | St. Ebbe's Boys' N. S. | 40 | 34 | 27 | 4 | 1 | — | — | 32 | 1 | 1 | — | — | 2 18 0 | 0 2 2 | 3 0 2 |
| „ | Trinity S. | 88 | 65 | 29 | 6 | — | — | — | 35 | 1 | 1 | — | 1 | 3 11 0 | Nil. | 3 11 0 |
| Wardington | N. S. | 30 | 20 | 18 | 1 | — | — | — | 19 | — | — | — | — | 1 0 0 | Nil. | 1 0 0 |
| Witney | High Street Wes. S. | 130 | 83 | 47 | 12 | 2 | — | — | 61 | — | — | — | — | 4 17 0 | 0 4 4 | 5 1 4 |
| RUTLAND. | | | | | | | | | | | | | | | | |
| Whissendine | Ch. of E. S. | 40 | 27 | 21 | 4 | 1 | — | — | 26 | 1 | 1 | — | — | 2 12 0 | 0 2 2 | 2 14 2 |
| SHROPSHIRE. | | | | | | | | | | | | | | | | |
| Broseley | N. S. | 124 | 65 | 44 | 19 | 2 | — | — | 65 | 2 | — | 1 | — | 5 8 0 | 0 13 5 | 6 1 5 |
| Cleobury Mortimer | Endowed S. | 86 | 33 | 11 | 15 | 8 | — | — | 34 | — | — | — | — | 4 5 0 | 0 17 4 | 5 2 4 |
| Coalbrookdale | Company's S. | 141 | 119 | 79 | 30 | 9 | — | — | 118 | — | — | — | — | 9 6 0 | 0 19 1 | 10 5 1 |
| Dawley | Bank Ch. of E. N. S. | 32 | 21 | 17 | 2 | 1 | — | — | 20 | 4 | 1 | 1 | — | 2 4 0 | 0 12 8 | 2 16 8 |
| „ | Pool Hill S. | 123 | 105 | 96 | 6 | 1 | — | — | 103 | 2 | — | — | — | 6 11 0 | 0 2 2 | 6 13 2 |
| „ | N. S. | 90 | 55 | 44 | 3 | 1 | — | — | 48 | 3 | — | — | — | 3 13 0 | 0 2 3 | 3 15 3 |

Appendix C.

DRAWING IN ELEMENTARY DAY SCHOOLS.

## Instruction in Drawing in Elementary Day Schools—*continued.*

| Town. | Name of School. | Total No. of Children taught Drawing. | No. examined in 1st and 2nd Grades. | No. satisfactorily taught, 1st Grade. | No. showing proficiency, 1st Grade. | No. who excelled and obtained Prizes, 1st Grade. | No. of Children who passed in 2nd Grade. | No. of Children who obtained Prizes in 2nd Grade. | No. of Children on whom Payments were made. | No. of Pupil-teachers and paid Monitors examined. | No. of Pupil-teachers and paid Monitors passed. | No. of Pupil-teachers and paid Monitors who obtained Prizes. | No. of Pupil-teachers and paid Monitors on whom Payments were made. | Amount of Payments made to the School on account of Drawing. | Cost of Prizes and Examples. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | £ s. d. | £ s. d. | £ s. d. |
| Hadley - - | S. - - - | 82 | 82 | 59 | 7 | 3 | — | — | 69 | — | — | — | — | 5 2 0 | 0 6 6 | 5 8 6 |
| Ironbridge - - | Ch. of E. S. - - | 80 | 61 | 23 | 6 | — | — | — | 9 | 2 | — | — | — | 1 9 0 | Nil. | 1 9 0 |
| Madeley - - | Nat. Sch. - - | 220 | 134 | 7 | 7 | 1 | — | — | 131 | — | — | — | — | 8 0 0 | 0 2 2 | 8 2 2 |
| " - - | Court Street Wes. S. - | 62 | 58 | 52 | 3 | 1 | — | — | 56 | 4 | 1 | — | — | 4 1 0 | 0 2 2 | 4 3 2 |
| Market Drayton - | Little Drayton Nat. S. | 60 | 48 | 44 | 4 | 1 | — | — | 48 | 3 | — | — | — | 3 12 0 | Nil. | 3 12 0 |
| " - - | Wes. S. - - | 53 | 42 | 33 | 5 | 1 | — | — | 39 | 1 | 1 | — | — | 3 6 0 | 0 2 2 | 3 8 2 |
| Much Wenlock - | N. S. - - - | 100 | 81 | 63 | 16 | 1 | — | — | 80 | 2 | 1 | — | — | 6 8 0 | 0 2 0 | 6 10 0 |
| Oswestry - - | B. S. - - - | 15 | 15 | 6 | 7 | 1 | — | — | 14 | 2 | — | 1 | 1 | 1 13 0 | 0 12 8 | 2 5 8 |
| Rushbury - - | N. S. - - - | 40 | 32 | 27 | 3 | — | — | — | 30 | 1 | 1 | — | 1 | 3 3 0 | Nil. | 3 3 0 |
| St. George's - | N. S. - - - | 300 | 250 | 204 | 26 | 15 | 2 | 1 | 248 | 4 | 3 | 1 | 4 | 18 16 0 | 2 13 4 | 21 9 4 |
| Sheriffhales - | Duke of Sutherland's S. | 94 | 70 | 56 | 7 | | 1 | — | 67 | 2 | 1 | 1 | 2 | 6 4 0 | 0 16 8 | 7 0 8 |
| Shrewsbury - - | All Saints' Boys' S. - | 95 | 46 | 40 | 3 | — | — | — | 43 | — | — | — | — | 3 6 0 | Nil. | 3 6 0 |
| " - - | Girls' S. - | 59 | 40 | 31 | 1 | — | — | — | 32 | 1 | — | — | — | 2 13 0 | Nil. | 2 13 0 |
| " - - | Castle Field's B. S. | 110 | 76 | 51 | 18 | 7 | — | — | 76 | — | — | — | — | 6 8 0 | 0 15 6 | 7 3 6 |
| " - - | Trinity N. S. - - | 80 | 51 | 40 | 8 | — | — | — | 48 | 4 | — | — | — | 3 16 0 | Nil. | 3 16 0 |
| Wellington - - | King Street N. S. - | 80 | 32 | 23 | 6 | — | — | — | 29 | 1 | — | — | — | 2 15 0 | Nil. | 2 15 0 |
| " - - | Princes Street Wes. S. | 60 | 47 | 29 | 7 | 6 | 1 | — | 44 | 3 | 1 | — | — | 5 1 0 | 1 3 3 | 6 4 3 |
| " - - | Wombridge N. S. - | 50 | 29 | 15 | 3 | 5 | — | — | 29 | 2 | 2 | — | — | 3 5 0 | 0 10 0 | 3 15 0 |
| Wem - - | N. S. - - - | 50 | 26 | 22 | 3 | 1 | — | — | 26 | — | — | — | — | 2 11 0 | 0 2 2 | 2 13 2 |
| Whitchurch - - | N. S. - - - | 72 | 38 | 29 | 9 | — | — | — | 38 | 2 | — | — | — | 3 7 0 | Nil. | 3 7 0 |
| Whittington - - | Boys' S. - - | 50 | 14 | 10 | 3 | 1 | — | — | 14 | 3 | 1 | — | 1 | 1 9 0 | 0 2 2 | 1 11 2 |
| SOMERSET. | | | | | | | | | | | | | | | | |
| Bath - - | Abbey and St. James' N. S. | 96 | 87 | 55 | 19 | 4 | — | — | 78 | — | — | — | — | 6 5 0 | 0 8 6 | 6 13 6 |
| " - - | Bathforum B. S. - | 120 | 97 | 38 | 30 | 19 | — | — | 87 | 4 | — | — | — | 8 15 0 | 2 2 4 | 10 17 4 |
| " - - | Blue Coat S. - - | 127 | 123 | 46 | 39 | 15 | 5 | — | 105 | 4 | 1 | — | 1 | 11 4 0 | 1 12 0 | 12 16 0 |
| " - - | St. Mark's S., Lyncombe. | 41 | 29 | 15 | 6 | 2 | — | — | 23 | — | — | — | — | 2 13 0 | 0 4 4 | 2 17 4 |
| " - - | St. Michael's N. S. - | 85 | 55 | 24 | 17 | 2 | — | — | 43 | — | — | — | — | 4 4 0 | 0 4 4 | 4 8 4 |

| | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| „ - - - | Trinity N. S. - | 90 | 56 | 31 | 17 | 3 | — | — | 51 | — | — | — | — | 4 14 0 | 0 6 4 | 5 0 4 |
| „ - - - | Walcot Boys' S. | 170 | 115 | 53 | 26 | 12 | — | — | 88 | 1 | — | — | — | 7 14 0 | 1 6 1 | 9 0 1 |
| „ - - - | „ Wes. S. | 72 | 57 | 29 | 11 | 1 | — | — | 41 | 1 | 1 | — | 1 | 4 4 0 | 0 2 2 | 4 6 2 |
| „ - - - | Widcombe Par. S. | 200 | 175 | 96 | 49 | 19 | — | — | 164 | — | 1 | — | — | 14 11 0 | 1 19 10 | 16 10 10 |
| Bishop's Hull - | Ch. of E. S. - - | 42 | 19 | 8 | 8 | 2 | 1 | — | 17 | 1 | 1 | — | — | 2 8 0 | 0 4 4 | 2 12 4 |
| Bishop's Lydeard - | N. S. - - - | 27 | 20 | 7 | 11 | 2 | — | — | 20 | 2 | — | — | — | 2 15 0 | 0 4 4 | 2 19 4 |
| Brislington - - | N. S. - - - | 34 | 27 | 16 | 2 | 4 | — | — | 22 | 1 | 1 | — | — | 2 12 0 | 0 8 8 | 3 0 8 |
| Bristol - - | Bedminster B. S. - | 470 | 367 | 108 | 24 | 15 | — | — | 147 | 14 | 7 | 3 | 10 | 18 1 0 | 2 12 4 | 20 13 4 |
| „ - - | „ St. John's N. S. | 200 | 137 | 37 | 14 | 5 | — | — | 56 | 5 | — | — | — | 5 0 0 | 0 10 10 | 5 10 10 |
| „ - - | „ St. Paul's Par. S. | 100 | 77 | 30 | 30 | 14 | — | — | 74 | 2 | 2 | — | 2 | 8 12 0 | 1 10 2 | 10 2 2 |
| „ - - | Colston's Temple S. - | 150 | 94 | 46 | 29 | 19 | — | — | 94 | 9 | — | — | — | 9 1 0 | 2 1 1 | 11 2 1 |
| „ - - | Langton Street Wes. S. | 140 | 114 | 71 | 15 | 12 | — | — | 98 | 4 | 1 | — | 1 | 8 17 0 | 1 5 8 | 10 2 8 |
| „ - - | Pile Street Free S. - | 38 | 37 | 19 | 16 | 1 | — | — | 36 | — | — | — | — | 3 14 0 | 0 2 2 | 3 16 2 |
| „ - - | St. Mary Redcliff Boys' N. S. | 200 | 139 | 69 | 43 | 17 | 2 | — | 131 | 7 | 3 | 2 | 5 | 15 6 0 | 2 16 4 | 18 2 4 |
| „ - - | St. Mary Redcliff Girls' N. S. | 100 | 80 | 65 | 11 | 2 | — | — | 78 | — | — | — | — | 5 13 0 | 0 4 2 | 5 17 2 |
| Buckland Dinham - | N. S. - - - | 50 | 24 | 11 | 9 | 2 | — | — | 22 | — | — | — | — | 2 15 0 | 0 4 4 | 2 19 4 |
| Burrington - - | N. S. - - - | 80 | 63 | 27 | 17 | 10 | — | — | 54 | 2 | — | — | — | 5 11 0 | 1 1 8 | 6 12 8 |
| Chew Stoke - - | Ch. of E. S. - - | 35 | 30 | 19 | 6 | 1 | — | — | 26 | — | — | — | — | 2 14 0 | 0 2 2 | 2 16 2 |
| Churchill - - | N. S. - - - | 26 | 21 | 17 | 2 | 1 | — | — | 20 | 1 | — | — | — | 2 4 0 | 0 2 2 | 2 6 2 |
| Clevedon - - | N. S. - - - | 54 | 43 | 25 | 13 | 4 | — | — | 42 | — | — | — | — | 4 3 0 | 0 8 8 | 4 11 8 |
| Clutton - - | B. S. - - - | 35 | 30 | 12 | 10 | 3 | — | — | 25 | 1 | 1 | — | — | 3 1 0 | 0 6 6 | 3 7 6 |
| Coleford - - | Wes. S. - - | 85 | 60 | 33 | 12 | 5 | — | — | 50 | 1 | — | — | — | 4 12 0 | 0 10 10 | 5 ■ 10 |
| Evercreech - - | N. S. - - - | 80 | 56 | 26 | 19 | 3 | 1 | — | 49 | 4 | 2 | — | 2 | 6 8 0 | 0 6 4 | 6 14 4 |
| Frome - - | Bath St. Girls' N. S. - | 11 | 9 | — | 6 | 3 | — | — | 9 | 2 | — | — | — | 1 1 0 | 0 6 6 | 1 7 6 |
| „ - - | „ Wes. S. | 80 | 117 | 30 | 14 | 16 | 1 | — | 61 | 2 | 1 | 1 | 2 | 8 11 0 | 2 5 8 | 10 16 8 |
| „ - - | Milk Street B. S. | 125 | 86 | 24 | 36 | 26 | — | — | 86 | 4 | 1 | — | — | 9 14 0 | 2 16 9 | 12 10 9 |
| Glastonbury - | High Street N. S. - | 116 | 71 | 39 | 22 | 3 | — | — | 64 | 1 | — | — | — | 5 12 0 | 0 6 4 | 5 18 4 |
| Highbridge - - | N. S. - - - | 110 | 90 | 45 | 8 | 3 | — | — | 56 | 3 | 1 | — | 1 | 5 0 0 | 0 6 6 | 5 6 6 |
| Keynsham - - | Par. S. - - - | 131 | 54 | 31 | 12 | 3 | — | — | 46 | 1 | 1 | — | 1 | 4 14 0 | 0 6 5 | 5 0 5 |
| Mells - - | Ch. of E. S. - - | 90 | 63 | 10 | 26 | 7 | — | — | 43 | 3 | 3 | — | 3 | 6 13 0 | 0 15 1 | 7 8 1 |
| Milborne Port - | B. S. - - - | 40 | 34 | 27 | 4 | 3 | — | — | 34 | 2 | 1 | 1 | 2 | 4 14 0 | 0 14 7 | 5 8 7 |
| Nailsea - - | Christ Ch. N. S. - | 14 | 14 | 6 | 6 | 1 | — | — | 13 | — | — | — | — | 1 1 0 | 0 2 2 | 1 3 2 |
| „ - - | Par. S. - - | 59 | 49 | 35 | 5 | 1 | — | — | 41 | — | — | — | — | 3 8 0 | 0 2 2 | 3 10 2 |
| Paulton - - | B. S. - - - | 72 | 54 | 30 | 18 | 1 | — | — | 49 | 1 | — | — | — | 4 9 0 | 0 2 2 | 4 11 2 |
| „ - - | N. S. - - - | 90 | 74 | 36 | 23 | 1 | — | — | 60 | 1 | — | — | — | 5 5 0 | 0 2 2 | 5 7 2 |
| Pill - - - | Benevolent S. - | 70 | 54 | 25 | 18 | 6 | — | — | 49 | — | — | — | — | 4 19 0 | 0 13 1 | 5 12 1 |
| Portishead - - | N. S. - - - | 86 | 67 | 22 | 25 | 9 | — | — | 56 | — | — | — | — | 5 19 0 | 0 19 11 | 6 18 11 |
| Shepton Mallet - | N. S. - - - | 120 | 98 | 48 | 14 | 10 | 1 | — | 73 | — | — | — | — | 6 11 0 | 1 0 10 | 7 11 10 |
| Stratton-on-the-Fosse. | N. S. - - - | 37 | 37 | 24 | 5 | 2 | — | — | 31 | — | — | — | — | 3 0 0 | 0 4 4 | 3 4 4 |
| Street - - | Bd. S. - - - | 90 | 37 | 12 | 15 | 7 | — | — | 34 | 2 | — | — | — | 4 3 0 | 0 15 3 | 4 18 3 |
| Taunton - - | B. S. - - - | 92 | 75 | 24 | 9 | 5 | — | — | 38 | — | — | — | — | 3 17 0 | 1 0 10 | 4 17 10 |

## Instruction in Drawing in Elementary Day Schools—*continued.*

| Town. | Name of School. | Total No. of Children taught Drawing. | No. examined in 1st and 2nd Grades. | No. satisfactorily taught, 1st Grade. | No. showing proficiency, 1st Grade. | No. who excelled and obtained Prizes, 1st Grade. | No. of Children who passed in 2nd Grade. | No. of Children who obtained Prizes in 2nd Grade. | No. of Children on whom Payments were made. | No. of Pupil-teachers and paid Monitors examined. | No. of Pupil-teachers and paid Monitors passed. | No. of Pupil-teachers and paid Monitors who obtained Prizes. | No. of Pupil-teachers and paid Monitors on whom Payments were made. | Amount of Payments made to the School on account of Drawing. | Cost of Prizes and Examples. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | £ s. d. | £ s. d. | £ s. d. |
| Taunton | Upper High Street Wes. S. | 99 | 80 | 31 | 9 | 7 | — | — | 47 | 3 | 2 | 1 | 3 | 7 0 0 | 1 5 8 | 8 5 8 |
| Uphill | Ch. of E. S. | 40 | 35 | 12 | 16 | 7 | — | — | 35 | 1 | — | 1 | 1 | 5 5 0 | 1 0 5 | 6 5 5 |
| Washford | Ch. S. | 50 | 40 | 21 | 12 | 3 | — | — | 36 | 2 | — | — | — | 3 14 0 | 0 6 6 | 4 0 6 |
| Wellington | Coram's Lane B. S. | 150 | 122 | 53 | 42 | 20 | — | 1 | 116 | 3 | 1 | 1 | 2 | 12 2 0 | 3 3 3 | 15 5 3 |
| " | High Street Bd. S. | 45 | 29 | 16 | 5 | 3 | — | — | 24 | 4 | — | — | — | 2 15 0 | 0 6 6 | 3 1 6 |
| Weston | High Street N. S. | 90 | 68 | 30 | 18 | 6 | — | — | 54 | — | — | — | — | 5 4 0 | 0 12 11 | 5 16 11 |
| Weston-super-Mare | Christ Ch. N. S. | 50 | 41 | 24 | 8 | 2 | — | — | 34 | — | — | — | — | 3 6 0 | 0 4 4 | 3 10 4 |
| " " | Hopkins Street B. S. | 80 | 54 | 34 | 10 | 6 | — | — | 50 | 1 | — | — | — | 4 12 0 | 0 13 2 | 5 5 2 |
| " " | N. S. | 120 | 97 | 44 | 29 | 12 | — | — | 85 | 3 | 1 | — | 1 | 8 18 0 | 1 6 7 | 10 4 7 |
| Wraxall | Trinity Boys' S. | 35 | 19 | 12 | 4 | 1 | — | — | 17 | — | — | — | — | 1 3 0 | 0 2 2 | 1 5 2 |
| STAFFORDSHIRE. | | | | | | | | | | | | | | | | |
| Admaston | Blithfield Ch. of E. S. | 32 | 49 | 16 | 5 | 1 | — | — | 22 | — | — | — | — | 2 9 0 | 0 2 2 | 2 11 2 |
| Amblecote | N. S. | 85 | 44 | 25 | 5 | 1 | — | — | 41 | 2 | — | — | — | 3 8 0 | 0 2 2 | 3 10 2 |
| Bilston | Bradley, St. Martin's S. | 200 | 115 | 50 | 19 | 5 | — | — | 74 | — | — | — | — | 6 3 0 | 0 10 6 | 6 13 6 |
| " | St. Leonard's N. S. | 125 | 106 | 58 | 12 | 4 | — | — | 74 | — | — | — | — | 5 14 0 | 0 8 8 | 6 2 8 |
| " | St. Mary's Mixed S. | 100 | 79 | 44 | 11 | 4 | — | — | 59 | — | — | — | — | 4 18 0 | 0 8 8 | 5 6 8 |
| " | " N. S. | 127 | 90 | 38 | 5 | 2 | — | — | 45 | 3 | 1 | — | 1 | 4 4 0 | 1 11 1 | 5 15 1 |
| " | Wes. S. | 139 | 67 | 23 | 6 | 1 | — | — | 30 | 3 | — | — | — | 2 18 0 | 0 2 2 | 3 0 2 |
| Bloxwich | N. S. | 226 | 167 | 87 | 27 | 5 | — | — | 119 | — | — | — | — | 8 16 0 | 0 10 4 | 9 6 4 |
| Bradley Green | Wes. S. | 90 | 73 | 41 | 5 | — | — | — | 46 | 3 | — | — | — | 3 11 0 | Nil. | 3 11 0 |
| Brierley Hill | Bank Street Bd. S. | 86 | 66 | 32 | 27 | 3 | — | — | 62 | 3 | — | — | — | 5 15 0 | 3 16 4 | 9 11 4 |
| " | Hill Street N. S. | 92 | 41 | 23 | 7 | — | — | — | 30 | — | — | — | — | 2 17 0 | Nil. | 2 17 0 |
| " | Netherend Unitarian S | 70 | 83 | 34 | 18 | 7 | — | — | 59 | 2 | 1 | — | 2 | 5 11 0 | 0 15 0 | 6 6 0 |
| " | Quarry Bank Bd. S. | 120 | 94 | 34 | 6 | 1 | — | — | 41 | 3 | — | — | — | 3 9 0 | 0 2 2 | 3 11 2 |
| Brock Moor | N. S. | 80 | 45 | 29 | 7 | 3 | — | — | 39 | 2 | — | 2 | 2 | 4 12 0 | 1 1 7 | 5 13 7 |
| Bromwich, West | All Saints' S. | 100 | 46 | 33 | 6 | — | — | — | 39 | — | — | — | — | 3 5 0 | Nil. | 3 5 0 |
| " " | Bagnalls S. | 110 | 91 | 54 | 6 | 5 | — | — | 65 | 2 | — | — | — | 5 1 0 | 0 11 3 | 5 12 3 |
| " " | Bratt Street Wes. S. | 120 | 74 | 49 | 15 | 4 | — | — | 68 | 4 | 2 | — | 2 | 6 11 0 | 0 8 6 | 6 19 6 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ,, ,, | Christ Ch. S. | 220 | 108 | 56 | 43 | 11 | — | — | 110 | — | — | — | — | 9 15 0 | 1 3 9 | 10 18 9 |
| ,, ,, | Greets Green Bd. S., Boys'. | 91 | 42 | 22 | 3 | 1 | — | — | 26 | 4 | — | — | — | 2 11 0 | 0 2 2 | 2 13 2 |
| ,, ,, | Greets Green Bd. S., Girls'. | 80 | 51 | 21 | — | — | — | — | 21 | — | — | — | — | 2 1 0 | Nil. | 2 1 0 |
| ,, ,, | Hill Top Wes. S., Boys' | 110 | 113 | 65 | 14 | 3 | — | — | 82 | 7 | 1 | — | 1 | 6 12 0 | 0 6 6 | 6 18 6 |
| ,, ,, | ,, ,, Girls' | 200 | 101 | 36 | 6 | 2 | — | — | 44 | 2 | 1 | — | 1 | 4 4 0 | 0 4 4 | 4 8 4 |
| ,, ,, | Mayer's Green and Queen St. Bd. Schs. | 90 | 80 | 46 | 9 | 2 | — | — | 57 | — | — | — | — | 4 10 0 | 0 4 4 | 4 14 4 |
| ,, ,, | St. Peter's Boys' S. | 150 | 72 | 42 | 7 | 1 | — | — | 50 | — | — | — | — | 3 19 0 | 0 2 2 | 4 1 2 |
| ,, ,, | Summit Bd. S. | 130 | 122 | 65 | 13 | 4 | — | — | 82 | 7 | — | — | — | 6 3 0 | 0 8 10 | 6 11 10 |
| ,, ,, | Trinity N. S. | 114 | 99 | 53 | 22 | 4 | — | — | 79 | — | — | — | — | 6 9 0 | 0 8 8 | 6 17 8 |
| Brown Edge | N. S. | 58 | 25 | 11 | — | 1 | — | — | — | 2 | — | — | — | Nil. | 0 2 2 | 0 2 2 |
| Burslem | Chapel Square Wes. S. | 246 | 169 | 52 | 5 | — | — | — | 57 | 3 | — | — | — | 4 2 0 | Nil. | 4 2 0 |
| ,, | St. Paul's N. S. | 200 | 150 | 107 | 7 | — | — | — | 114 | — | — | — | — | 7 1 0 | Nil. | 7 1 0 |
| ,, | Sneyd N. S. | 290 | 141 | 104 | 13 | 4 | — | — | 121 | 5 | 1 | — | 1 | 8 12 0 | 0 8 8 | 9 0 8 |
| Burton-on-Trent | Trinity N. S. | 266 | 80 | 30 | 32 | 15 | — | — | 77 | 3 | 2 | — | 2 | 9 9 0 | 1 12 8 | 11 1 8 |
| Cannock | N. S. | 10 | 9 | — | — | — | — | — | — | 1 | 1 | — | — | Nil. | Nil. | Nil. |
| Codsall | N. S. | 100 | 70 | 53 | 10 | 4 | — | — | 67 | — | — | — | — | 5 5 0 | 0 8 8 | 5 13 8 |
| Congleton | Biddulph Ch. of E. S. | 38 | 10 | 2 | — | — | — | — | — | 2 | — | — | — | Nil. | Nil. | Nil. |
| Coseley | Christ Ch. N. S. | 191 | 135 | 66 | 25 | 10 | — | — | 101 | — | — | — | — | 8 6 0 | 1 1 2 | 9 7 2 |
| ,, | Darkhouse Chapel B. S. | 60 | 38 | 17 | 4 | 2 | — | — | 23 | — | — | — | — | 2 11 0 | 0 4 4 | 2 15 4 |
| ,, West | Christ Ch. N. S. | 96 | 81 | 52 | 12 | — | — | — | 64 | 3 | — | — | — | 4 16 0 | Nil. | 4 16 0 |
| Coven | Ch. of E. S. | 55 | 44 | 25 | 5 | 1 | — | — | 31 | — | — | — | — | 2 18 0 | 0 2 2 | 3 0 2 |
| Darlaston | Par. Ch. S. | 187 | 134 | 82 | 25 | 4 | — | — | 111 | 3 | — | — | — | 8 4 0 | 0 8 8 | 8 12 8 |
| ,, | St. George's N. S. | 100 | 72 | 35 | 10 | 3 | — | — | 48 | — | — | — | — | 4 4 0 | 0 6 6 | 4 10 6 |
| Ettingshall | John St. Wes. S. | 80 | 67 | 43 | 4 | 1 | — | — | 43 | 4 | 1 | — | — | 3 7 0 | 0 2 0 | 3 9 0 |
| ,, | Mill Street S. | 100 | 47 | 34 | 7 | 4 | — | — | 45 | 3 | 2 | — | 2 | 5 0 0 | 0 8 6 | 5 8 6 |
| Fenton | Wes. S. | 50 | 40 | 23 | 3 | 1 | — | — | 27 | 3 | — | — | — | 2 12 0 | 0 2 0 | 2 14 0 |
| Goldenhill | Wes. S. | 65 | 47 | 20 | 3 | 1 | — | — | 24 | 2 | — | 1 | 1 | 3 9 0 | 0 12 8 | 4 1 8 |
| Gornal, Upper | N. S. | 150 | 86 | 46 | 3 | 1 | — | — | 50 | — | — | — | — | 3 15 0 | 0 2 0 | 3 17 0 |
| Handsworth | St. James' S. | 100 | 89 | 67 | 12 | 2 | — | — | 81 | 9 | 3 | — | 3 | 7 7 0 | 0 4 4 | 7 11 4 |
| ,, Old | N. S. | 130 | 104 | 66 | 11 | 15 | — | — | 92 | 5 | 2 | 1 | 3 | 9 3 0 | 2 3 0 | 11 6 0 |
| Hanley | Bethesda Bd. S. | 420 (for the four schools bracketed) | 140 | 62 | 16 | 10 | 1 | — | 89 | 4 | 1 | — | 1 | 6 19 0 | 1 1 2 | 8 0 2 |
| ,, | Bryan Street Bd. S. | | 54 | 22 | 2 | 2 | — | — | 26 | 1 | 1 | — | 1 | 2 2 0 | 0 4 4 | 2 6 4 |
| ,, | Etruria Bd. S. | | 99 | 84 | 22 | 5 | — | — | 111 | 3 | — | — | — | 8 3 0 | 4 2 8 | 12 5 8 |
| ,, | Northwood Bd. S. | | 49 | 27 | 8 | 3 | — | — | 38 | — | — | — | — | 3 12 0 | 0 6 4 | 3 18 4 |
| ,, | Lichfield St. N. S. | 80 | 58 | 37 | 12 | 6 | — | — | 55 | — | — | — | — | 4 19 0 | 0 13 0 | 5 12 0 |
| Harborne | N. S. | 130 | 75 | 64 | 10 | 1 | — | — | 75 | 3 | — | — | — | 5 7 0 | 0 2 2 | 5 9 2 |
| ,, | St. John's S. | 145 | 116 | 83 | 20 | 3 | — | — | 106 | 2 | 1 | — | 1 | 8 2 0 | 0 6 4 | 8 8 4 |
| Harriseahead | Wes. S. | 80 | 60 | 29 | 5 | — | — | — | 34 | 2 | — | — | — | 2 19 0 | Nil. | 2 19 0 |
| Hednesford | B. S. | 160 | 141 | 54 | 12 | 2 | — | — | 68 | — | — | — | — | 5 4 0 | 0 4 6 | 5 8 6 |
| Leek | Wes. S. | 76 | 57 | 35 | 8 | 3 | — | — | 46 | 2 | 1 | — | 1 | 4 10 0 | 0 6 6 | 4 16 6 |
| Lichfield | Frog Lane N. S. | 30 | 24 | 17 | 3 | — | — | — | 20 | — | — | — | — | 2 3 0 | Nil. | 2 3 0 |
| Longton | Bd. S. | 88 | 69 | 32 | 29 | 8 | — | — | 69 | 5 | — | — | — | 6 14 0 | 2 9 7 | 9 3 7 |

## Instruction in Drawing in Elementary Day Schools—*continued.*

| Town. | Name of School. | Total No. of Children taught Drawing. | No. examined in 1st and 2nd Grades. | No. satisfactorily taught, 1st Grade. | No. showing proficiency, 1st Grade. | No. who excelled and obtained Prizes, 1st Grade. | No of Children who passed in 2nd Grade. | No. of Children who obtained Prizes in 2nd Grade. | No. of Children on whom Payments were made. | No. of Pupil-teachers and paid Monitors examined. | No. of Pupil-teachers and paid Monitors passed. | No. of Pupil-teachers and paid Monitors who obtained Prizes. | No. of Pupil-teachers and paid Monitors on whom Payments were made. | Amount of Payments made to the School on account of Drawing. | Cost of Prizes and Examples. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | £ s. d. | £ s. d. | £ s. d. |
| Newcastle-under-Lyme. | Friar Street B. S. | 97 | 79 | 51 | 10 | 7 | — | — | 68 | 3 | — | — | — | 5 12 0 | 0 15 3 | 6 7 3 |
| „ | School Street Wes. S. | 123 | 75 | 57 | 13 | 3 | — | — | 73 | 3 | — | — | — | 5 12 0 | 0 6 6 | 5 18 6 |
| Northwood | N. S. | 70 | 61 | 38 | 17 | 4 | — | — | 59 | 3 | — | — | — | 5 4 0 | 0 8 8 | 5 12 8 |
| Norton-in-the-Moors | N. S. | 39 | 30 | 14 | 11 | 4 | — | — | 29 | 1 | — | — | — | 3 8 0 | 0 8 9 | 3 16 9 |
| Ocker Hill | N. S. | 135 | 124 | 60 | 36 | 11 | — | — | 107 | — | — | — | — | 9 5 0 | 1 3 9 | 10 8 9 |
| Pelsall | Wes. S. | 77 | 61 | 36 | 7 | 5 | — | — | 48 | 3 | — | — | — | 4 5 0 | 0 10 10 | 4 15 10 |
| Penkhull | N. S. | 150 | 67 | 36 | 11 | 3 | 1 | — | 51 | 12 | 2 | — | 2 | 5 12 0 | 0 6 6 | 5 18 6 |
| Pensnett | Chapel Street Bd. S. | 100 | 90 | 42 | 17 | 5 | — | — | 64 | 3 | — | — | — | 5 11 0 | 0 11 1 | 6 2 1 |
| „ | High Street N. S. | 150 | 102 | 59 | 18 | 3 | — | — | 80 | 5 | 1 | — | — | 6 4 0 | 0 6 4 | 6 10 4 |
| Rocester | N. S. | 50 | 39 | 23 | 11 | 2 | — | — | 36 | — | — | — | — | 3 11 0 | 0 4 4 | 3 15 4 |
| Rowley Regis | N. S. | 150 | 59 | 31 | 15 | 3 | — | — | 49 | — | — | — | — | 4 10 0 | 0 6 6 | 4 16 6 |
| Rugeley | Ch. Street Girls' N. S. | 85 | 56 | 34 | 3 | 1 | — | — | 38 | 5 | — | — | — | 3 3 0 | 0 2 2 | 3 5 2 |
| Rushall | Butts Bd. S. | 100 | 80 | 55 | 8 | 5 | — | — | 68 | 5 | 2 | 1 | 3 | 6 16 0 | 1 0 8 | 7 16 8 |
| Sedgley | All Saints' S. | 50 | 39 | 19 | 13 | 6 | — | — | 38 | 1 | 1 | — | 1 | 5 3 0 | 0 13 3 | 5 16 3 |
| Smallthorne | N. S. | 58 | 56 | 29 | 16 | 5 | — | — | 50 | 2 | — | — | — | 4 16 0 | 0 10 10 | 5 6 10 |
| Smethwick | Chance's S. | 370 | 242 | 145 | 33 | 13 | 3 | 1 | 191 | 9 | — | — | — | 14 10 0 | 1 18 1 | 16 8 1 |
| Smethwick | St. Matthew's S. | 125 | 94 | 70 | 14 | 8 | — | — | 92 | — | — | — | — | 7 2 0 | 0 16 10 | 7 18 10 |
| „ | Trinity S. | 100 | 119 | 75 | 19 | 5 | — | — | 99 | — | — | — | — | 7 8 0 | 0 10 6 | 7 18 6 |
| „ | Wes. S. | 85 | 41 | 26 | 7 | 5 | — | — | 38 | — | — | — | — | 3 15 0 | 0 10 10 | 4 5 10 |
| Stafford | Earl Street B. S. | 130 | 96 | 65 | 6 | 5 | — | — | 76 | 2 | 1 | — | — | 5 12 0 | 0 10 10 | 6 2 10 |
| Stoke-on-Trent | Cross Street Bd. S. | 70 | 49 | 18 | 17 | 5 | — | — | 40 | 2 | — | — | — | 4 7 0 | 0 10 10 | 4 17 10 |
| „ | Dresden N. S. | 100 | 80 | 40 | 13 | 5 | — | — | 58 | 4 | — | 1 | 1 | 5 11 0 | 1 1 4 | 6 12 4 |
| „ | N. S. | 200 | 144 | 99 | 19 | 6 | — | — | 124 | 6 | — | — | — | 8 15 0 | 0 13 0 | 9 8 0 |
| „ | Shelton Granville N. S. | 135 | 95 | 42 | 42 | 7 | 1 | — | 91 | 6 | 2 | — | — | 8 7 0 | 0 15 3 | 9 2 3 |
| Tettenhall | N. S. | 60 | 55 | 41 | 7 | 3 | — | — | 51 | — | — | — | — | 4 4 0 | 0 16 6 | 5 0 6 |
| Tipton | Bloomfield Bd. S. | 120 | 113 | 70 | 5 | 2 | — | — | 77 | 4 | — | — | — | 5 6 0 | 1 12 8 | 6 18 8 |
| „ | Dudley Port, No. 1 Bd. S | 250 | 161 | 93 | 20 | 8 | — | — | 121 | 4 | — | — | — | 8 17 0 | 2 18 4 | 11 15 4 |
| „ | Canal St., No. 3 Bd. S. | 240 | 140 | 87 | 10 | 2 | — | — | 99 | — | — | — | — | 6 13 0 | 0 4 4 | 6 17 4 |
| „ | Great Bridge, No. 8 Bd. S. | 250 | 176 | 105 | 41 | 12 | — | — | 158 | — | — | — | — | 12 3 0 | 1 5 4 | 13 8 4 |

Appendix C.

DRAWING IN ELEMENTARY DAY SCHOOLS.

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ,, | Great Bridge Wes. S. | 300 | 192 | 144 | 31 | 8 | — | — | 183 | 11 | 2 | — | 2 | 13 10 0 | 0 17 7 | 14 7 7 |
| ,, | Park Lane Wes. S. | 270 | 154 | 88 | 26 | 5 | 2 | — | 121 | 5 | 1 | 1 | 2 | 11 15 0 | 0 19 9 | 12 14 9 |
| ,, | St. John's N. S. | 110 | 80 | 39 | 6 | — | — | — | 45 | — | — | — | — | 3 11 0 | Nil. | 3 11 0 |
| ,, | St. Martin's N. S. | 144 | 96 | 72 | 10 | 4 | — | — | 86 | — | — | — | — | 6 4 0 | 0 8 9 | 6 12 9 |
| ,, | St. Paul's S. | 180 | 122 | 79 | 28 | 10 | — | — | 117 | 1 | — | — | — | 9 5 0 | 1 1 4 | 10 6 4 |
| Trent Vale | N. S. | 90 | 76 | 45 | 15 | 7 | — | — | 67 | 3 | 1 | — | 1 | 6 6 0 | 0 14 9 | 7 0 9 |
| Tunstall | John Street Wes. S. | 50 | 49 | 24 | 8 | 3 | — | — | 35 | — | — | — | — | 3 9 0 | 0 6 6 | 3 15 6 |
| Uttoxeter | High Street S. | 100 | 60 | 38 | 5 | 4 | — | — | 47 | 2 | — | — | — | 4 0 0 | 0 8 10 | 4 8 10 |
| Walsall | Blue Coat Boys' S. | 260 | 225 | 161 | 32 | 11 | — | — | 204 | 1 | — | — | — | 13 18 0 | 1 4 5 | 15 2 5 |
| ,, | Blue Coat Girls' S. | 70 | 49 | 36 | 4 | 1 | — | — | 41 | — | — | — | — | 3 7 0 | 0 2 2 | 3 9 2 |
| ,, | Pleck and Bescot N. Schs. | 105 | 71 | 34 | 9 | — | — | — | 43 | 9 | — | — | — | 3 12 0 | Nil. | 3 12 0 |
| ,, | St. Peter's S. | 140 | 106 | 67 | 6 | 3 | — | — | 76 | — | — | — | — | 5 8 0 | 0 6 6 | 5 14 6 |
| ,, | The Mount R. C. S. | 155 | 70 | 40 | 9 | 4 | — | — | 53 | — | — | — | — | 4 10 0 | 0 8 6 | 4 18 6 |
| Wednesbury | Holyhead Rd. Wes. S. | 130 | 134 | 73 | 14 | 6 | — | — | 93 | 8 | 1 | — | — | 6 19 0 | 0 13 0 | 7 12 0 |
| ,, | King's Hill Bd. S. | 60 | 39 | 16 | 3 | 1 | — | — | 20 | 2 | — | — | — | 2 5 0 | 0 2 2 | 2 7 2 |
| ,, | Old Park S. | 259 | 179 | 102 | 28 | 10 | — | — | 140 | 1 | — | — | — | 10 8 0 | 1 2 0 | 11 10 0 |
| ,, | Russell Street Bd. S. | 190 | 110 | 71 | 22 | 10 | — | — | 103 | 7 | — | — | — | 8 5 0 | 1 1 6 | 9 6 6 |
| ,, | St. James' N. S. | 200 | 126 | 72 | 16 | 4 | — | — | 92 | — | — | — | — | 6 16 0 | 0 8 8 | 7 4 8 |
| ,, | St. John's Boys' S. | 216 | 92 | 58 | 23 | 5 | — | — | 86 | — | — | — | — | 6 19 0 | 0 11 0 | 7 10 0 |
| ,, | St. Mary's R. C. S. | 80 | 66 | 47 | 9 | 6 | — | — | 62 | 2 | 1 | — | — | 5 3 0 | 0 13 0 | 5 16 0 |
| ,, | Springhead Wes. S. | 110 | 100 | 39 | 13 | 2 | — | — | 54 | 6 | — | — | — | 4 11 0 | 0 4 2 | 4 15 2 |
| Wednesfield | St. Thomas' N. S. | 120 | 52 | 27 | 6 | 2 | — | — | 35 | 1 | — | — | — | 3 5 0 | 0 4 2 | 3 9 2 |
| ,, Heath | Wes. S. | 380 | 147 | 71 | 31 | 8 | 1 | 1 | 112 | 6 | — | 1 | 1 | 9 17 0 | 1 18 5 | 11 15 5 |
| Willenhall | Wes. S. | 200 | 170 | 109 | 15 | 5 | — | — | 129 | — | — | — | — | 8 14 0 | 0 10 10 | 9 4 10 |
| Wolstanton | N. S. | 70 | 59 | 29 | 6 | 2 | — | — | 37 | 2 | 1 | — | 1 | 3 17 0 | 0 4 4 | 4 1 4 |
| Wolverhampton | Darlington Street Wes. S., Boys'. | 230 | 151 | 87 | 21 | 10 | — | — | 118 | 12 | 5 | — | 5 | 11 9 0 | 1 1 3 | 12 10 3 |
| ,, | Darlington Street Wes. S., Girls'. | 130 | 100 | 37 | 4 | 2 | — | — | 43 | 5 | 1 | — | 1 | 4 1 0 | 0 4 4 | 4 5 4 |
| ,, | Dudley Road Bd. S. | 155 | 143 | 91 | 33 | 8 | — | — | 132 | 1 | — | 1 | 1 | 10 11 0 | 1 7 8 | 11 18 8 |
| ,, | Heath Town Trinity S. | 90 | 66 | 35 | 13 | 5 | — | — | 53 | 1 | — | — | — | 4 16 0 | 0 10 10 | 5 6 10 |
| ,, | Orpham Asylum | 105 | 99 | 61 | 19 | 9 | 1 | — | 90 | — | — | — | — | 7 11 0 | 0 19 5 | 8 10 5 |
| ,, | Redcross Street Bd. S. | 120 | 98 | 46 | 14 | 4 | — | — | 64 | — | — | — | — | 5 6 0 | 0 8 8 | 5 14 8 |
| ,, | St. Andrew's N. S. | 120 | 77 | 48 | 20 | 6 | — | — | 74 | 3 | 2 | — | — | 6 6 0 | 0 12 10 | 6 18 10 |
| ,, | St. George's N. S. | 180 | 103 | 70 | 18 | 5 | — | — | 93 | 2 | — | — | — | 7 1 0 | 0 11 0 | 7 12 0 |
| ,, | St. John's S. | 190 | 131 | 74 | 30 | 4 | — | — | 108 | 5 | 1 | — | 1 | 8 16 0 | 0 8 6 | 9 4 6 |
| ,, | St. Jude's Ch. of E. S. | 125 | 106 | 71 | 24 | 4 | — | — | 99 | — | — | — | — | 7 11 0 | 0 8 6 | 7 19 6 |
| ,, | St. Luke's S. | 200 | 126 | 74 | 25 | 9 | — | — | 108 | 7 | 1 | — | 1 | 9 1 0 | 0 19 7 | 10 0 7 |
| ,, | St. Mark's N. S. | 214 | 147 | 96 | 15 | 5 | — | — | 116 | 6 | 1 | 1 | 2 | 9 1 0 | 1 1 4 | 10 2 4 |
| ,, | St. Mary's N. S. | 130 | 104 | 63 | 11 | 2 | — | — | 76 | 5 | 2 | — | 2 | 6 11 0 | 0 4 4 | 6 15 4 |
| ,, | St. Matthew's N. S. | 160 | 121 | 39 | 13 | 6 | — | — | 58 | 4 | — | — | — | 5 3 0 | 0 13 0 | 5 16 0 |
| ,, | St. Paul's N. S. | 80 | 62 | 41 | 17 | 4 | — | — | 62 | 13 | 2 | — | 2 | 6 17 0 | 0 8 6 | 7 5 6 |
| ,, | St. Peter's Coll. Ch. S. | 275 | 187 | 106 | 31 | 8 | 1 | — | 146 | 2 | 3 | — | 3 | 12 7 0 | 0 17 1 | 13 4 1 |
| ,, | Shortheath Wes. S. | 60 | 48 | 23 | 8 | 2 | — | — | 33 | 1 | — | — | — | 3 5 0 | 0 4 4 | 3 9 4 |
| ,, | Snow Hill Cong[l]. S. | 195 | 151 | 78 | 34 | 5 | — | — | 117 | 12 | — | — | — | 9 1 0 | 0 10 8 | 9 11 8 |

## Instruction in Drawing in Elementary Day Schools—*continued.*

| Town. | Name of School. | Total No. of Children taught Drawing. | No. examined in 1st and 2nd Grades. | No. satisfactorily taught, 1st Grade. | No. showing proficiency, 1st Grade. | No. who excelled and obtained Prizes, 1st Grade. | No. of Children who passed in 2nd Grade. | No. of Children who obtained Prizes in 2nd Grade. | No. of Children on whom Payments were made. | No. of Pupil-teachers and paid Monitors examined. | No. of Pupil-teachers and paid Monitors passed. | No. of Pupil-teachers and paid Monitors who obtained Prizes. | No. of Pupil-teachers and paid Monitors on whom Payments were made. | Amount of Payments made to the School on account of Drawing. | Cost of Prizes and Examples. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | £ s. d. | £ s. d. | £ s. d. |
| Wolverhampton - | Walsall Street Bd. S. - | 155 | 40 | 25 | 6 | 1 | — | — | 32 | 1 | — | — | — | 3 0 0 | 0 2 2 | 3 2 2 |
| Wordsley - - | Boys' N. S. - - | 200 | 130 | 53 | 16 | 6 | — | — | 75 | — | — | — | — | 6 3 0 | 0 12 9 | 6 15 9 |
| „ - - | Girls' N. S. - - | 112 | 61 | 36 | 4 | 2 | — | — | 42 | — | — | — | — | 3 10 0 | 0 4 4 | 3 14 4 |
| SUFFOLK. | | | | | | | | | | | | | | | | |
| Beccles - - | N. S. - - - | 50 | 24 | 10 | 8 | 5 | — | — | 23 | — | — | — | — | 3 1 0 | 0 10 10 | 3 11 10 |
| Bildeston - - | N. S. - - - | 30 | 46 | 16 | 7 | 3 | — | — | 26 | 1 | 1 | — | — | 2 19 0 | 0 6 6 | 3 5 6 |
| Bungay - - | N. S. - - - | 80 | 54 | 37 | 8 | 2 | — | — | 47 | 2 | 1 | — | — | 3 19 0 | 0 4 4 | 4 3 4 |
| Clare - - - | N. S. - - - | 60 | 44 | 38 | 5 | 1 | — | — | 44 | 1 | — | — | — | 3 11 0 | 0 2 2 | 3 13 2 |
| Gislingham - - | S. - - - - | 45 | 37 | 26 | 2 | — | — | — | 28 | — | — | — | — | 2 10 0 | Nil. | 2 10 0 |
| Hadleigh - - | B. S. - - - | 70 | 61 | 45 | 14 | 3 | — | — | 62 | 2 | 2 | — | 2 | 6 2 0 | 0 6 6 | 6 8 6 |
| „ - - | Ch. of E. Boys' S. | 130 | 179 | 58 | 29 | 8 | 2 | 1 | 98 | 7 | 2 | 1 | 3 | 11 5 0 | 1 18 7 | 13 3 7 |
| Ipswich - - | Argyle Street Boys' S. | 60 | 60 | 43 | 11 | 2 | — | — | 56 | 4 | — | — | — | 4 11 0 | 7 0 1 | 11 11 1 |
| „ - - | Christ's Hospital S. - | 128 | 115 | 81 | 27 | 7 | — | — | 115 | — | — | — | — | 8 16 0 | 0 15 0 | 9 11 0 |
| „ - - | Ch. Lane Dist. N. S. - | 196 | 179 | 124 | 43 | 11 | — | — | 178 | — | — | — | — | 13 3 0 | 1 3 4 | 14 6 4 |
| „ - - | Foundation Street Girls' Free S. | 46 | 41 | 26 | 10 | 3 | — | — | 39 | — | — | — | — | 3 15 0 | 0 6 6 | 4 1 6 |
| „ - - | St. Clement's and St. Helen's Boys' S. | 203 | 147 | 128 | 14 | 2 | — | — | 144 | — | — | — | — | 9 2 0 | 0 4 2 | 9 6 2 |
| „ - - | St. Margaret's N. S. - | 78 | 54 | 46 | 6 | — | — | — | 52 | — | — | — | — | 3 18 0 | 2 3 1 | 6 1 1 |
| „ - - | St. Peter's N. S. - | 70 | 38 | 32 | 5 | — | — | — | 37 | — | — | — | — | 3 2 0 | Nil. | 3 2 0 |
| „ - - | Turret Lane B. S. - | 261 | 206 | 168 | 36 | 1 | — | — | 205 | 4 | 1 | 3 | 4 | 15 3 0 | 1 12 8 | 16 15 8 |
| „ - - | Wherstead Rd. Bd. S. | 109 | 67 | 58 | 6 | 2 | — | — | 66 | — | — | — | — | 4 16 0 | 8 0 10 | 12 16 10 |
| „ - - | Wycks, Bishop Street Wes. S. | 65 | 47 | 25 | 9 | 2 | — | — | 36 | 4 | — | — | — | 3 9 0 | 0 4 4 | 3 13 4 |
| Lowestoft - - | Annott's S. - - | 129 | 80 | 62 | 15 | 3 | — | — | 80 | 11 | 1 | — | 1 | 6 11 0 | 0 6 7 | 6 17 7 |
| „ - - | St. John's Boys' N. S. | 141 | 109 | 82 | 17 | 10 | — | — | 109 | 2 | — | — | — | 8 6 0 | 1 1 8 | 9 7 8 |
| Needham Market - | B. S. - - - | 60 | 43 | 27 | 13 | 4 | — | — | 44 | — | — | — | — | 4 5 0 | 0 8 10 | 4 13 10 |
| Newmarket - - | St. Mary's N. S. - | 63 | 55 | 52 | 1 | 1 | — | — | 54 | — | — | — | — | 3 17 0 | 0 2 2 | 3 19 2 |
| Somerleyton - | B. S. - - - | 80 | 42 | 22 | 11 | 8 | — | — | 41 | 2 | 1 | — | 1 | 4 18 0 | 0 16 6 | 5 14 6 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| " - | Ch. of E. S. - - | 32 | 32 | 30 | 1 | 1 | — | — | 32 | — | — | — | — | 2 15 0 | | 0 2 2 | | 2 17 2 | |
| Westleton - | N. S. - - - | 45 | 36 | 24 | 8 | 1 | — | — | 33 | 4 | — | — | — | 3 3 0 | | 0 2 2 | | 3 5 2 | |
| Wickham Market - | N. S. - - - | 110 | 100 | 79 | 13 | 5 | — | — | 97 | 4 | 1 | — | — | 7 0 0 | | 0 10 10 | | 7 10 10 | |
| SURREY. | | | | | | | | | | | | | | | | | | | |
| London - - | Battersea Ch. Ch. N. S., Falcon Grove. | 163 | 125 | 65 | 35 | 8 | 2 | — | 110 | 5 | 2 | 3 | 5 | 13 19 0 | | 2 5 7 | | 16 4 7 | |
| " - - | Battersea, Grove B. S. | 260 | 206 | 83 | 28 | 8 | 1 | — | 115 | 7 | 2 | 1 | 3 | 10 8 0 | | 1 7 2 | | 11 15 2 | |
| " - - | Battersea, Royal Mas. Girls' Inst. | 90 | 85 | 59 | 16 | 7 | 1 | — | 83 | 1 | — | — | — | 6 17 0 | | 0 15 3 | | 7 12 3 | |
| " - - | Battersea, Sir W. St. John's Elem. F. S. | 204 | 175 | 101 | 25 | 8 | — | — | 134 | 4 | 1 | — | 1 | 10 5 0 | | 0 16 11 | | 11 1 11 | |
| " - - | Battersea, Southlands T. C. Pract. S. | 50 | 50 | 34 | 12 | 3 | — | — | 49 | — | — | — | — | 4 7 0 | | 0 6 6 | | 4 13 6 | |
| " - - | Bermondsey, Ch. Ch. N. S. | 135 | 80 | 46 | 9 | 2 | — | — | 57 | 1 | 1 | — | 1 | 5 0 0 | | 1 17 5 | | 6 17 5 | |
| " - - | Bermondsey. Grange Road N. S. | 315 | 271 | 85 | 127 | 42 | 1 | — | 254 | 4 | 2 | 1 | — | 24 5 0 | | 5 3 9 | | 29 8 9 | |
| " - - | Borough Road B. and F. S. Soc. Mod. S. | 359 | 134 | 60 | 45 | 24 | — | — | 129 | 13 | 5 | 5 | 10 | 17 12 0 | | 4 6 6 | | 21 18 6 | |
| " - - | Brixton, Church Rd. N. S. | 57 | 31 | 20 | 3 | 3 | — | — | 26 | 1 | — | — | — | 2 15 0 | | 0 6 6 | | 3 1 6 | |
| " - - | Brixton, Elm Grove Wes. S. | 222 | 129 | 111 | 14 | 2 | — | — | 127 | — | — | — | — | 8 5 0 | | 1 11 1 | | 9 16 1 | |
| " - - | Camberwell, Camden Chapel S. | 120 | 120 | 53 | 26 | 7 | — | — | 86 | — | — | — | — | 7 6 0 | | 0 15 3 | | 8 1 3 | |
| " - - | Camberwell, Christ Ch. N. S. | 160 | 103 | 40 | 4 | 3 | — | — | 47 | 1 | 1 | — | 1 | 4 17 0 | | 0 6 4 | | 5 3 4 | |
| " - - | Camberwell, Crawfurd Street B. S. | 250 | 136 | 73 | 25 | 6 | 1 | — | 105 | 6 | 2 | — | 2 | 9 6 0 | | 0 12 10 | | 9 18 10 | |
| " - - | Camberwell, Green Coat and N. S. | 200 | 159 | 74 | 45 | 8 | — | — | 127 | 3 | 2 | — | — | 10 8 0 | | 0 17 4 | | 11 5 4 | |
| " - - | Clapham, Macaulay Road Par. S. | 158 | 142 | 103 | 24 | 7 | — | — | 134 | 4 | 2 | — | — | 9 12 0 | | 0 15 5 | | 10 7 5 | |
| " - - | Clapham, Wurtemburg St. B. S. | 158 | 104 | 63 | 12 | 6 | — | — | 81 | 5 | 1 | — | — | 6 5 0 | | 0 13 2 | | 6 18 2 | |
| " - - | *Hatcham, Kender St. Boys' Board S. | 250 | 102 | 43 | 43 | 8 | — | — | 94 | 5 | 1 | — | 1 | 9 3 0 | | 0 17 4 | | 10 0 4 | |
| " - - | *Hatcham, Kender St. Girls' Board S. | 217 | 31 | 19 | 7 | 4 | — | — | 30 | 4 | — | — | — | 3 5 0 | | 0 8 8 | | 3 13 8 | |
| " - - | Kennington Oval N. S. | 240 | 159 | 112 | 28 | 11 | — | — | 151 | 3 | 1 | 2 | — | 11 1 0 | | 7 2 1 | | 18 3 1 | |
| " - - | Lambeth, All Saints' S. | 100 | 49 | 25 | 3 | 1 | — | — | 29 | 3 | 2 | — | — | 2 14 0 | | 0 2 2 | | 2 16 2 | |
| " - - | Lambeth, George St. B. S. | 159 | 92 | 34 | 8 | 7 | — | — | 49 | 4 | 2 | — | 2 | 6 1 0 | | 0 15 2 | | 6 16 2 | |
| " - - | Lambeth, Hercules Bdgs. Boys' S. | 280 | 218 | 200 | 16 | — | — | — | 216 | — | — | — | — | 12 12 0 | | 1 10 11 | | 14 2 11 | |

* These schools belong to the Greenwich Division of the London School Board.

## Instruction in Drawing in Elementary Day Schools—*continued.*

| Town. | Name of School. | Total No. of Children taught Drawing. | No. examined in 1st and 2nd Grades. | No. satisfactorily taught, 1st Grade. | No. showing proficiency, 1st Grade. | No. who excelled and obtained Prizes, 1st Grade. | No. of Children who passed in 2nd Grade. | No. of Children who obtained Prizes in 2nd Grade. | No. of Children on whom Payments were made. | No. of Pupil-teachers and paid Monitors examined. | No. of Pupil-teachers and paid Monitors passed. | No. of Pupil-teachers and paid Monitors who obtained Prizes. | No. of Pupil-teachers and paid Monitors on whom Payments were made. | Amount of Payments made to the School on account of Drawing. | Cost of Prizes and Examples. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | £ s. d. | £ s. d. | £ s. d. |
| Surrey—*cont.* | | | | | | | | | | | | | | | | |
| London—*cont.* - | Lambeth Rd. Wes. S. | 140 | 127 | 52 | 9 | 2 | — | — | 63 | 4 | 1 | 1 | 2 | 6 6 0 | 0 14 2 | 7 0 2 |
| „ - | Lambeth, Sumner Memorial S. | 245 | 95 | 62 | 5 | 5 | — | — | 72 | — | — | — | — | 5 7 0 | 0 11 0 | 5 18 0 |
| „ - | Lambeth, Trinity S. - | 46 | 43 | 20 | 13 | 5 | — | — | 38 | 3 | — | 1 | 1 | 4 11 0 | 1 1 1 | 5 12 1 |
| „ - | Newington, Trinity N. S. | 112 | 95 | 58 | 23 | 5 | — | — | 86 | 1 | 1 | — | 1 | 7 9 0 | 5 16 6 | 13 5 6 |
| „ - | Old Kent Road B. S. - | 94 | 85 | 48 | 10 | 4 | — | — | 62 | 4 | — | 2 | 2 | 6 0 0 | 1 8 4 | 7 8 4 |
| „ - | Peckham, High Street B. S. | 130 | 74 | 44 | 9 | 9 | — | — | 62 | 9 | 4 | — | 4 | 7 19 0 | 0 19 9 | 8 18 9 |
| „ - | Peckham, Stafford St. Wes. S. | 254 | 236 | 123 | 48 | 15 | 1 | — | 187 | 4 | 2 | — | 2 | 15 9 0 | 1 11 8 | 17 0 8 |
| „ - | Rotherhithe, Deptford Road S. | 190 | 125 | 81 | 35 | 6 | — | — | 122 | 4 | 1 | — | 1 | 9 19 0 | 0 12 10 | 10 11 10 |
| „ - | Rotherhithe, Midway Place B. S. | 83 | 69 | 54 | 7 | 2 | — | — | 63 | — | — | — | — | 4 14 0 | 0 4 4 | 4 18 4 |
| „ - | St. Andrew's, Lambeth, Lower S. | 145 | 135 | 102 | 15 | 5 | — | — | 122 | 8 | 3 | — | 3 | 9 17 0 | 0 10 8 | 10 7 8 |
| „ - | St. Andrew's, Lambeth, Upper S. | 325 | 263 | 176 | 42 | 13 | 2 | — | 233 | 9 | 1 | — | 1 | 16 19 0 | 1 7 3 | 18 6 3 |
| „ - | St. George's, Battersea, S. | 150 | 76 | 54 | 14 | 8 | — | — | 76 | — | — | — | — | 6 6 0 | 0 17 4 | 7 3 4 |
| „ - | St. George's, Borough, S. | 220 | 99 | 50 | 16 | 4 | — | — | 70 | 4 | 2 | | — | 5 14 0 | 1 9 10 | 7 3 10 |
| „ - | St. James', Bermondsey, N. S. | 150 | 94 | 52 | 6 | 4 | — | — | 62 | 2 | 1 | — | 1 | 5 6 0 | 0 8 6 | 5 14 6 |
| „ - | St. James', Clapham, S. | 200 | 116 | 61 | 26 | 13 | — | — | 100 | 11 | 3 | — | 3 | 10 2 0 | 1 8 3 | 11 10 3 |
| „ - | St. John's, Battersea, N. S. | 160 | 149 | 89 | 18 | 6 | — | 1 | 114 | 2 | 1 | — | 1 | 8 18 0 | 1 3 0 | 10 1 0 |
| „ - | St. John's, Brixton, N. S. | 120 | 90 | 40 | 5 | 3 | — | — | 48 | 6 | 6 | — | 6 | 7 19 0 | 0 6 6 | 8 5 6 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| " | - | St. John's, Camberwell, N. S. | 240 | 131 | 82 | 9 | — | — | -- | 91 | 3 | — | -- | — | 6 0 0 | Nil. | 6 0 0 |
| " | - | St. Jude's, Southwark, N. S. | 230 | 165 | 127 | 17 | — | 1 | — | 145 | 11 | 1 | — | 1 | 9 16 0 | Nil. | 9 16 0 |
| " | - | St. Mark's, Kennington, Bolton St. S. | 300 | 200 | 95 | 14 | — | — | — | 109 | 5 | — | — | — | 7 3 0 | Nil. | 7 3 0 |
| " | - | St. Mark's, Kennington, Regency Square, S. | 171 | 74 | 59 | 13 | 1 | — | — | 73 | 2 | 2 | — | 2 | 6 8 0 | 0 2 2 | 6 10 2 |
| " | - | St. Mary's, Newington Butts, S. | 370 | 266 | 154 | 52 | 19 | — | — | 225 | 6 | 4 | 2 | 6 | 21 5 0 | 3 2 5 | 4 7 5 |
| " | - | St. Mary's, Southwark, N. S. | 160 | 100 | 44 | 18 | 2 | — | — | 62 | — | — | — | — | 5 2 0 | 0 4 4 | 5 6 4 |
| " | - | St. Mary's-the-Less, Lambeth, S. | 93 | 83 | 52 | 17 | 6 | — | — | 75 | 3 | 1 | — | 1 | 6 14 0 | 0 13 0 | 7 7 0 |
| " | - | St. Matthew's, Denmark Hill, S. | 200 | 175 | 104 | 40 | 10 | — | — | 154 | 4 | 4 | — | — | 11 14 0 | 1 2 0 | 12 16 0 |
| " | - | St. Matthew's, New Kent Road, S. | 320 | 181 | 103 | 28 | 6 | — | — | 137 | — | — | — | — | 9 17 0 | 0 13 2 | 10 10 2 |
| " | - | St. Michael's, Stockwell, S. | 100 | 50 | 42 | — | — | — | — | 48 | — | — | — | — | 3 14 0 | Nil. | 3 14 0 |
| " | - | St. Paul's, Vauxhall, S. | 140 | 100 | 47 | 1 | 1 | — | — | 49 | — | — | — | — | 3 12 0 | 0 2 2 | 3 14 2 |
| " | - | St. Peter's, Vauxhall, Girls' S. | 33 | 38 | 11 | 5 | 2 | — | — | 18 | — | — | — | — | 1 7 0 | 0 4 4 | 1 11 4 |
| " | - | St. Peter's, Vauxhall, Lower N. S. | 150 | 111 | 63 | 15 | 1 | — | — | 79 | 4 | — | 1 | — | 5 16 0 | 0 12 2 | 6 8 2 |
| " | - | St. Peters, Vauxhall, Upper Boys' S. | 110 | 86 | 41 | 13 | 9 | 3 | 3 | 69 | 4 | 3 | 1 | 4 | 9 4 0 | 2 17 5 | 12 1 5 |
| " | - | St. Saviour's, Southwark, S. | 120 | 78 | 62 | 13 | 1 | — | — | 76 | — | — | — | — | 5 11 0 | 0 2 2 | 5 13 2 |
| " | - | St. Stephen's, South Lambeth, S. | 150 | 96 | 57 | 30 | 9 | — | — | 96 | 3 | 2 | — | 2 | 9 4 0 | 0 18 10 | 10 2 10 |
| " | - | Southwark, John St. Wes. S. | 170 | 146 | 116 | 17 | 1 | — | — | 134 | 7 | — | — | — | 8 13 0 | 0 2 2 | 8 15 2 |
| " | - | Southwark, Long Lane Wes. S. | 320 | 315 | 267 | 27 | 8 | 1 | — | 303 | — | — | — | — | 19 10 0 | 0 17 2 | 20 7 2 |
| " | - | Southwark, Maze Pond S. | 90 | 65 | 35 | 11 | 4 | — | — | 50 | 4 | 2 | — | 2 | 5 9 0 | 0 8 8 | 5 17 8 |
| " | - | Stockwell B. S. | 34 | 27 | 24 | 3 | — | — | — | 27 | — | — | — | — | 2 10 0 | Nil. | 2 10 0 |
| " | - | Stockwell Orphanage S. | 172 | 145 | 108 | 18 | 13 | 5 | — | 144 | — | — | — | — | 11 8 0 | 1 8 8 | 12 16 8 |
| " | - | Walworth, All Saints' S. | 200 | 99 | 66 | 13 | 2 | — | — | 81 | 5 | — | — | — | 5 13 0 | 0 4 4 | 6 2 4 |
| " | - | Wandsworth Road, Eldon Ch. of E. S. | 100 | 85 | 41 | 23 | 5 | — | — | 69 | 1 | — | — | — | 6 2 0 | 0 10 7 | 6 12 7 |

## Instruction in Drawing in Elementary Day Schools—*continued.*

| Town. | Name of School. | Total No. of Children taught Drawing. | No. examined in 1st and 2nd Grades. | No. satisfactorily taught, 1st Grade. | No. showing proficiency, 1st Grade. | No. who excelled and obtained Prizes, 1st Grade. | No. of Children who passed in 2nd Grade. | No. of Children who obtained Prizes in 2nd Grade. | No. of Children on whom Payments were made. | No. of Pupil-teachers and paid Monitors examined. | No. of Pupil-teachers and paid Monitors passed. | No. of Pupil-teachers and paid Monitors who obtained Prizes. | No. of Pupil-teachers and paid Monitors on whom Payments were made. | Amount of Payments made to the School on account of Drawing. | Cost of Prizes and Examples. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | £ s. d. | £ s. d. | £ s. d. |
| Surrey—*cont.* | | | | | | | | | | | | | | | | |
| London—*cont.* - | Wandsworth, Frogmore B. S., Boys'. | 155 | 130 | 78 | 23 | 8 | — | — | 109 | 3 | 1 | — | 1 | 8 18 0 | 0 17 0 | 9 15 0 |
| „ - - | Wandsworth, Frogmore B. S., Girls'. | 145 | 112 | 88 | 17 | 4 | — | — | 109 | 8 | 1 | — | 1 | 8 14 0 | 0 19 6 | 9 13 6 |
| „ - - | Wandsworth Road, Commercial S. | 113 | 78 | 33 | 18 | 9 | — | — | 60 | — | — | — | — | 5 16 0 | 0 19 10 | 6 15 10 |
| *London School Board.* | | | | | | | | | | | | | | | | |
| Lambeth Division - | Battersea Park Boys' S. | 370 | 240 | 193 | 37 | 9 | — | — | 239 | 6 | 3 | 2 | 5 | 18 14 0 | 2 1 2 | 20 15 2 |
| „ - | Battersea Park Girls' S. | 400 | 79 | 148 | 14 | 4 | — | — | 166 | 5 | — | — | — | 10 8 0 | 0 8 8 | 10 16 8 |
| „ - | Battersea, Bolingbroke Road S. | 661 | 383 | 215 | 20 | 4 | — | — | 239 | — | — | — | — | 14 7 0 | 0 8 7 | 14 15 7 |
| „ - | Battersea, Winstanley Road Boys' S. | 323 | 294 | 169 | 9 | 1 | — | — | 179 | 5 | 1 | — | 1 | 11 0 0 | 1 7 8 | 12 7 8 |
| „ - | Battersea, Winstanley Road Girls' S. | 180 | 149 | 67 | 15 | 3 | — | — | 85 | — | — | — | — | 6 6 0 | 0 6 6 | 6 12 6 |
| „ - | Brixton Hill, Mill Lane Boys' S. | 104 | 60 | 35 | 5 | — | — | — | 40 | 2 | — | — | — | 3 5 0 | Nil. | 3 5 0 |
| „ - | Brixton, New Park Rd. and Mill Lane S. | 149 | 21 | 19 | 2 | — | — | — | 21 | — | — | — | — | 2 3 0 | Nil. | 2 3 0 |
| „ - | Camberwell Rd. Boys' S. | 320 | 203 | 107 | 7 | 1 | — | — | 115 | 4 | 3 | 1 | 4 | 10 14 0 | 0 7 6 | 11 1 6 |
| „ - | Camberwell Rd. Girls' S. | 138 | 42 | 32 | 7 | 1 | — | — | 40 | — | — | — | — | 3 9 0 | 0 2 2 | 3 11 2 |
| „ - | Camberwell, Charles St. S. | 36 | 20 | 9 | 8 | 2 | — | — | 19 | 3 | 2 | — | — | 2 11 0 | 0 4 4 | 2 15 4 |
| „ - | Camberwell, James St. S. | 300 | 135 | 42 | 11 | 3 | — | — | 56 | 5 | 2 | 1 | 3 | 6 3 0 | 0 17 0 | 7 0 0 |
| „ - | Clayland's Road S. - | 51 | 46 | 28 | 1 | — | — | — | 29 | — | — | — | — | 2 10 0 | Nil. | 2 10 0 |
| „ - | Lambeth, Doughty St. Boys' S. | 300 | 172 | 130 | 12 | 4 | — | — | 146 | 5 | 3 | — | 3 | 11 16 0 | 0 9 0 | 12 5 0 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| " | Lambeth, Doughty St. Girls' S. | 100 | 26 | 17 | — | 5 | — | — | 17 | — | — | — | — | 0 17 0 | Nil. | 0 10 10 | 0 17 0 | 0 17 0 |
| " | Lambeth, Johanna Street, Boys' S. | 152 | 142 | 50 | 26 | 5 | — | — | 81 | 4 | — | — | — | 6 17 0 | 0 10 10 | 7 7 10 | | |
| " | Lambeth, Johanna Street, Girls' S. | 196 | 189 | 46 | 9 | 1 | — | — | 56 | 6 | 1 | — | 1 | 4 17 0 | 0 2 2 | 4 19 2 | | |
| " | Lambeth, Vauxhall Street S. | 170 | 160 | 98 | 4 | — | — | — | 102 | 7 | 2 | — | 2 | 7 16 0 | 1 5 6 | 9 1 6 | | |
| " | Lower Norwood Boys' S. | 156 | 84 | 54 | 14 | 4 | — | — | 72 | 4 | 2 | — | 2 | 7 4 0 | 0 8 6 | 7 12 6 | | |
| " | Lower Norwood Girls' S. | 76 | 51 | 35 | 3 | — | — | — | 38 | 3 | 1 | — | 1 | 3 11 0 | Nil. | 3 11 0 | | |
| " | New Kent Road, Harper St. Boys' S. | 175 | 100 | 78 | 12 | 5 | — | — | 95 | 6 | 4 | 1 | 5 | 9 17 0 | 1 1 4 | 10 18 4 | | |
| " | New Kent Road, Harper St. Girls' S. | 130 | 90 | 58 | 4 | 2 | — | — | 64 | — | — | — | — | 4 12 0 | 0 4 4 | 4 16 4 | | |
| " | Old Kent Road, Canterbury Rd. Boys' S. | 366 | 317 | 142 | 33 | 5 | — | — | 180 | 15 | 4 | 1 | 5 | 15 13 0 | 0 14 10 | 16 7 10 | | |
| " | Old Kent Road, Canterbury Rd. Girls' S. | 190 | 86 | 39 | 7 | 4 | — | — | 50 | 10 | 2 | 1 | — | 4 5 0 | 0 18 10 | 5 3 10 | | |
| " | Peckham, James' Grove S. | 200 | 161 | 118 | 11 | 3 | — | — | 132 | 5 | 1 | 1 | 2 | 9 9 0 | 0 10 2 | 9 19 2 | | |
| " | Peckham, Hill Street S. | 240 | 96 | 75 | 6 | 2 | — | — | 83 | — | — | — | — | 5 13 0 | 0 4 4 | 5 17 4 | | |
| " | Tooting, Church Lane S. | 79 | 50 | 11 | 26 | 9 | — | — | 46 | 5 | 3 | — | 3 | 7 0 0 | 0 19 6 | 7 19 6 | | |
| " | Walworth, Flint St. Boys' S. | 350 | 236 | 100 | 9 | 5 | — | — | 114 | — | — | — | — | 7 13 0 | 7 13 8 | 15 6 8 | | |
| " | Walworth, Horsley Street S. | 160 | 125 | 39 | 16 | 8 | — | — | 63 | — | — | — | — | 5 15 0 | 0 17 0 | 6 12 0 | | |
| " | Walworth, Victory Place Boys' S. | 404 | 80 | 54 | 6 | 1 | — | — | 61 | — | — | — | — | 4 9 0 | 0 2 2 | 4 11 2 | | |
| " | Walworth, Victory Place Girls' S. | 60 | 50 | 32 | 1 | — | — | — | 33 | 2 | — | — | — | 2 14 0 | Nil. | 2 14 0 | | |
| " | Walworth, Westmoreland Road S. | 350 | 201 | 113 | 55 | 16 | — | — | 184 | 6 | 1 | — | 1 | 15 1 0 | 1 14 8 | 16 15 8 | | |
| " | Wandsworth, New Road S. | 405 | 142 | 72 | 9 | 1 | — | — | 82 | 4 | 1 | — | 1 | 6 3 0 | 0 2 2 | 6 5 2 | | |
| " | Wandsworth, Elcho Road, Shaftesbury Park, Boys' S. | 180 | 146 | 69 | 20 | 5 | — | — | 94 | — | — | — | — | 7 4 0 | 0 10 10 | 7 14 10 | | |
| " | Wandsworth, Elcho Road, Shaftesbury Park, Girls' S. | 130 | 108 | 45 | 5 | 3 | — | — | 53 | — | — | — | — | 4 4 0 | 0 6 6 | 4 10 6 | | |
| " | Wandsworth, Lower, Boys' S. | 264 | 199 | 83 | 16 | 6 | — | — | 105 | — | — | — | — | 7 13 0 | 0 13 0 | 8 6 0 | | |

Instruction in Drawing in Elementary Day Schools—*continued.*

| Town. | Name of School. | Total No. of Children taught Drawing | No. examined in 1st and 2nd Grades. | No. satisfactorily taught, 1st Grade. | No. showing proficiency, 1st Grade. | No. who excelled and obtained Prizes, 1st Grade. | No. of Children who passed in 2nd Grade. | No. of Children who obtained Prizes in 2nd Grade. | No. of Children on whom Payments were made. | No. of Pupil-teachers and paid Monitors examined. | No. of Pupil-teachers and paid Monitors passed. | No. of Pupil-teachers and paid Monitors who obtained Prizes. | No. of Pupil-teachers and paid Monitors who were made Payments on account of Drawing. | Cost of Prizes and Examples. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | £ s. d. | £ s. d. | £ s. d. |
| Surrey—*cont. London School Board*—cont. | | | | | | | | | | | | | | | |
| Lambeth Division - | Wandsworth Road, Lower, Girls' S. | 80 | 20 | 14 | 6 | — | — | — | — | — | — | — | 2 6 0 | 1 5 6 | 3 11 6 |
| Southwark Division | Bermondsey, Abbey Street S. | 50 | 40 | 24 | 1 | — | — | — | 25 | — | — | — | 2 15 0 | 0 2 2 | 2 17 2 |
| " - | Bermondsey, Cottage Row Boys' S. | 213 | 86 | 26 | 3 | 1 | — | — | 30 | — | — | — | 0 4 0 | Nil. | 0 4 0 |
| " - | Bermondsey, Cottage Row Girls' S. | 40 | 21 | 4 | — | — | — | — | 4 | — | — | — | 9 9 0 | 0 2 2 | 9 11 2 |
| " - | Bermondsey, Jamaica Level Girls' S. | 200 | 200 | 114 | 6 | 1 | — | — | 121 | 24 | 3 | — | 3 1 0 | 0 4 4 | 3 5 4 |
| " - | Bermondsey, Laxon Street Boys' S. | 140 | 94 | 31 | 2 | 2 | — | — | 35 | — | — | — | 0 9 0 | Nil. | 0 9 0 |
| " - | Bermondsey, Laxon Street Girls' S. | 160 | 60 | 9 | — | — | — | — | 9 | — | — | — | 11 1 0 | 0 8 8 | 11 9 8 |
| " - | Bermondsey, Monnow Road S. | 450 | 248 | 133 | 23 | 4 | — | — | 160 | 6 | 1 | — | 4 0 0 | 2 13 2 | 6 13 2 |
| " - | Bermondsey, Russell Street Boys' S. | 170 | 129 | 53 | 2 | 1 | — | — | 53 | 5 | — | — | 1 6 0 | 0 2 2 | 1 8 2 |
| " - | Bermondsey, Russell Street Girls' S. | 187 | 35 | 14 | 1 | — | — | — | 15 | 4 | 1 | — | 9 3 0 | 0 17 4 | 10 0 4 |
| " - | Blackfriars Rd., Marlborough St. Boys' S. | 150 | 130 | 73 | 33 | 8 | — | — | 114 | 3 | — | — | 3 2 0 | Nil. | 3 2 0 |
| " - | Blackfriars Rd., Marlborough St. Girls' S. | 120 | 78 | 14 | 4 | — | — | — | 18 | 3 | 2 | — | 3 3 0 | 0 2 2 | 3 5 2 |
| " - | Borough, Lansdowne Place S. | 96 | 40 | 16 | 12 | 1 | — | — | 29 | — | — | — | 0 18 0 | 1 5 6 | 2 3 6 |
| " - | Borough, Union St. Boys' S. | 45 | 30 | 16 | 1 | — | — | — | 17 | — | — | — | 1 0 0 | Nil. | 1 0 0 |
| " - | Borough, Union St. Girls' S. | 40 | 40 | 23 | 1 | — | — | — | — | 4 | — | — | | | |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| " - | Great Hunter Street Boys' S. | 200 | 149 | 49 | 4 | — | — | — | 53 | 5 | 1 | — | 1 | 4 7 0 | Nil. | | 4 7 0 | |
| " - | Great Hunter Street Girls' S. | 210 | 100 | 12 | — | — | — | — | 12 | — | — | — | — | 0 12 0 | Nil. | | 0 12 0 | |
| " - | Rolls Road, Old Kent Road, Boys' S. | 260 | 118 | 65 | 34 | 9 | — | — | 108 | — | — | — | — | 9 0 0 | 0 19 6 | | 9 19 6 | |
| " - | Rolls Road, Old Kent Road Girls' S. | 230 | 70 | 14 | — | 1 | — | — | 15 | — | — | — | — | 0 17 0 | 0 2 2 | | 0 19 2 | |
| " - | Rotherhithe, Albion Street S. | 100 | 83 | 31 | 28 | 6 | — | — | 65 | — | — | — | — | 6 5 0 | 0 13 0 | | 6 18 0 | |
| Addington - - | N. S. - - - | 41 | 34 | 14 | — | — | — | — | 14 | 1 | — | — | — | 0 14 0 | Nil. | | 0 14 0 | |
| Anerley - - | North Surrey Dist. S. | 420 | 295 | 157 | 15 | 1 | — | — | 173 | 14 | 1 | — | 1 | 14 10 0 | 0 7 5 | | 14 17 5 | |
| Bagshot - - | Bd. S. - - - | 32 | 27 | 14 | 1 | 1 | — | — | 16 | 2 | — | — | — | 0 19 0 | 0 2 2 | | 1 1 2 | |
| Balham - - | St. Mary's S., Ch. of E. | 36 | 32 | 24 | 7 | — | — | — | 31 | 4 | — | — | — | 2 18 0 | Nil. | | 2 18 0 | |
| Croydon - - | Bd. S., Beulah Road - | 150 | 98 | 55 | 7 | 1 | — | — | 63 | 11 | — | — | — | 4 12 0 | 0 2 2 | | 4 14 2 | |
| " - - | " Brighton Road | 100 | 42 | 27 | 3 | — | — | — | 30 | 7 | — | — | — | 2 13 0 | Nil. | | 2 13 0 | |
| " - - | " Church Road - | 42 | 35 | 12 | 1 | — | — | — | 13 | 2 | — | — | — | 0 14 0 | Nil. | | 0 14 0 | |
| " - - | " North End - | 70 | 38 | 11 | 5 | — | — | — | 16 | 3 | — | — | — | 2 1 0 | Nil. | | 2 1 0 | |
| " - - | " Oval Road - | 110 | 81 | 53 | 6 | — | — | — | 59 | 11 | 1 | — | 1 | 4 15 0 | 4 6 2 | | 9 1 2 | |
| " - - | " Princes Road - | 175 | 67 | 46 | 9 | 1 | — | — | 56 | 14 | — | 1 | 1 | 4 17 0 | 5 0 2 | | 9 17 2 | |
| " - - | " South Norwood, Station Road. | 30 | 12 | 7 | — | — | — | — | 7 | 2 | — | — | — | 0 7 0 | Nil. | | 0 7 0 | |
| " - - | Whitgift S. - - | 200 | 178 | 94 | 10 | 2 | — | — | 106 | 3 | 1 | — | — | 7 0 0 | 0 4 6 | | 7 4 6 | |
| Dorking - - | Ch. Street B. S. - | 50 | 42 | 39 | — | — | — | — | 39 | 2 | — | — | — | 2 19 0 | 2 9 0 | | 5 8 0 | |
| Dulwich, East - | St. John's N. S. - | 80 | 45 | 32 | 4 | — | — | — | 36 | — | — | — | — | 3 0 0 | Nil. | | 3 0 0 | |
| Elstead - - | N. S. - - - | 90 | 79 | 8 | — | — | — | — | 8 | 3 | — | — | — | 0 8 0 | Nil. | | 0 8 0 | |
| Esher - - | N. S. - - - | 44 | 38 | 23 | 6 | 2 | — | — | 31 | 2 | — | — | — | 3 1 0 | 0 4 4 | | 3 5 4 | |
| Ewell - - | West Street N. S. - | 75 | 54 | 19 | — | — | — | — | 19 | — | — | — | — | 0 19 0 | Nil. | | 0 19 0 | |
| Gatton - - | Ch. of E. S. - - | 33 | 23 | 10 | 2 | — | — | — | 12 | — | — | — | — | 0 14 0 | Nil. | | 0 14 0 | |
| Godalming - - | B. S. - - - | 80 | 65 | 49 | 9 | 2 | — | — | 60 | — | — | — | — | 4 13 0 | 0 4 0 | | 4 17 0 | |
| " - - | Farncombe N. S. - | 40 | 32 | 20 | 1 | 1 | — | — | 22 | 1 | — | — | — | 2 5 0 | 0 2 2 | | 2 7 0 | |
| Hale" - - | Ch. of E. S. - - | 51 | 42 | 31 | 7 | 2 | — | — | 40 | 4 | — | — | — | 3 11 0 | 0 4 4 | | 3 15 4 | |
| Hatcham - - | St. James' N. S. - | 123 | 78 | 44 | 7 | 2 | — | — | 53 | 3 | — | — | — | 4 4 0 | 1 11 2 | | 5 15 2 | |
| Mitcham, Lower - | Bd. S. - - - | 100 | 90 | 59 | 5 | 1 | — | — | 65 | 6 | — | — | — | 4 12 0 | 0 2 2 | | 4 14 2 | |
| Norwood, Lower - | Jews' Hospital S. - | 95 | 79 | 59 | 2 | — | — | — | 61 | 1 | — | — | — | 4 3 0 | Nil. | | 4 3 0 | |
| " South - | St. Mark's S. - - | 150 | 78 | 11 | 2 | — | — | — | 13 | 1 | — | — | — | 0 15 0 | Nil. | | 0 15 0 | |
| " Upper - | Beulah Hill N. S. - | 70 | 49 | 25 | 1 | — | — | — | 26 | 1 | — | — | — | 2 7 0 | Nil. | | 2 7 0 | |
| Penge - - | N. S. - - - | 340 | 201 | 77 | 11 | 1 | 1 | — | 90 | 6 | 1 | — | 1 | 6 17 0 | 0 2 3 | | 6 19 3 | |
| Petersham - - | B. S. - - - | 40 | 32 | 24 | 4 | — | — | — | 28 | — | — | — | — | 2 12 0 | Nil. | | 2 12 0 | |
| Pirbright - - | Ch. of E. S. - - | 30 | 20 | 14 | 1 | — | — | — | 15 | 2 | — | — | — | 0 16 0 | Nil. | | 0 16 0 | |
| Redhill - - | St. John's N. S. - | 83 | 60 | 42 | 7 | 1 | — | — | 50 | — | — | — | — | 3 19 0 | 0 2 2 | | 4 1 2 | |
| Reigate - - | St. Mark's S. - - | 36 | 25 | 11 | 8 | 5 | — | — | 24 | 1 | — | 1 | 1 | 4 2 0 | 1 0 4 | | 5 2 4 | |
| Richmond - - | Kew Road Wes. S. - | 53 | 37 | 15 | 7 | 1 | — | — | 21 | 2 | — | — | — | 2 7 0 | 0 2 3 | | 2 9 3 | |
| " - - | Vineyard Road B. S. - | 75 | 63 | 33 | 7 | 1 | 1 | — | 42 | 2 | — | — | — | 3 15 0 | 0 2 0 | | 3 17 0 | |
| Staines - - | St. Jude's S. - - | 35 | 29 | 17 | 5 | 2 | — | — | 24 | 5 | — | — | — | 2 13 0 | 0 4 4 | | 2 17 4 | |
| Stoke (Guildford) - | Par. S. - - - | 108 | 52 | 27 | 2 | 1 | — | — | 30 | — | — | — | — | 2 14 0 | 0 2 2 | | 2 16 2 | |

Instruction in Drawing in Elementary Day Schools—*continued.*

| Town. | Name of School. | Total No. of Children learning Drawing. | No. examined in 1st and 2nd Grades. | No. satisfactorily taught, 1st Grade. | No. showing proficiency, 1st Grade. | No. who excelled and obtained Prizes, 1st Grade. | No. of Children who passed in 2nd Grade. | No. of Children who obtained Prizes in 2nd Grade. | No. of Children on whom Payments were made. | No. of Pupil-teachers and paid Monitors examined. | No. of Pupil-teachers and paid Monitors passed. | No. of Pupil-teachers and paid Monitors who obtained Prizes. | No. of Pupil-teachers paid Monitors on whom Payments were made. | Amount of Payments made to the School on account of Drawing. | Cost of Prizes and Examples. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | £ s. d. | £ s. d. | £ s. d. |
| Streatham | St. Leonard's S. | 68 | 50 | 29 | 2 | | 2 | | 33 | 1 | | 1 | 1 | 3 13 0 | 0 10 6 | 4 3 6 |
| Surbiton | Christ Ch. S. | 50 | 50 | 34 | 6 | | | | 40 | | | | | 3 6 0 | Nil. | 3 6 0 |
| | St. Mark's N. S. | 75 | 42 | 5 | | | | | 47 | 5 | 1 | | 1 | 4 2 0 | Nil. | 4 2 0 |
| Tooting, Upper | N. S. | 50 | 45 | 34 | 4 | 1 | | | 39 | 7 | 1 | | 1 | 3 5 0 | 0 2 2 | 3 7 2 |
| Tulse Hill | Holy Trin. S. | 60 | 57 | 34 | 3 | | | | 36 | 1 | | | | 3 8 0 | Nil. | 3 8 0 |
| Walton-on-Thames | Par. S. | 60 | 60 | 25 | 2 | | | | 27 | | 3 | | | 2 9 0 | Nil. | 2 9 0 |
| Wimbledon, South | Haydon's Lane N. S. | 100 | 86 | 55 | 2 | | | | 57 | 4 | 4 | | 3 | 5 9 0 | 1 5 6 | 6 14 6 |
| Woking | St. John's S. | 50 | 26 | 22 | 1 | | | | 23 | 4 | 1 | | 1 | 2 14 0 | Nil. | 2 14 0 |
| Sussex. | | | | | | | | | | | | | | | | |
| Brede | Wes. S. | 70 | 31 | 13 | | 5 | | | 31 | 3 | | | | 3 14 0 | 0 10 10 | 4 4 10 |
| Brighton | All Souls' Ch. of E. S. | 82 | 70 | 53 | 13 | | | | 55 | 4 | 1 | | 1 | 4 7 0 | Nil. | 4 7 0 |
| " | Belmont St. Bd. S. | 200 | 104 | 74 | 25 | 3 | | | 102 | 5 | 1 | | 2 | 8 13 0 | 0 17 0 | 9 10 0 |
| " | Hanover Terrace Boys' Bd. S. | 260 | 165 | 110 | 26 | 1 | | | 137 | 5 | 3 | | 3 | 12 5 0 | 0 2 2 | 12 7 2 |
| " | Middle Street Bd. S. | 150 | 133 | 83 | 37 | 6 | 1 | | 127 | 2 | 1 | | 1 | 10 10 0 | 0 13 1 | 11 3 1 |
| " | Richmond St. and Sussex St. Bd. S. | 110 | 90 | 44 | 30 | 4 | | | 78 | | | | | 6 16 0 | 0 8 8 | 7 4 8 |
| " | Wes. S. | 404 | 262 | 149 | 76 | 18 | | | 243 | 10 | 3 | 1 | 4 | 20 15 0 | 2 2 4 | 22 17 4 |
| " | Central Boys' S. | 60 | 46 | 35 | 8 | 2 | | | 40 | 1 | | | | 3 7 0 | 0 4 5 | 3 11 5 |
| " | Christ Ch. Boys' S. | 76 | 36 | 28 | 4 | 1 | | | 31 | 3 | | | | 2 17 0 | 0 2 2 | 2 19 2 |
| " | Elliott S. | 230 | 165 | 60 | 9 | 1 | | | 70 | 5 | 1 | | | 6 1 0 | 0 2 2 | 6 3 2 |
| " | Pract. S. | 100 | 56 | 38 | 6 | 1 | | | 45 | | | | | 3 13 0 | 0 2 2 | 3 15 2 |
| " | St. John's N. S. | 43 | 43 | 24 | 10 | 4 | | | 38 | 4 | | 1 | 1 | 4 16 0 | 0 18 8 | 5 14 8 |
| " | St. Mark's Ch. of E. S. | 60 | 45 | 32 | 4 | | | | 36 | 2 | | | | 3 0 0 | Nil. | 3 0 0 |
| " | St. Martin's N. S. | 171 | 142 | 99 | 25 | 6 | | | 130 | 5 | 2 | 1 | 3 | 10 17 0 | 1 2 3 | 11 19 3 |
| " | St. Peter's N. S. | 75 | 65 | 41 | 8 | | | | 49 | 1 | 1 | | | 3 17 0 | Nil. | 3 17 0 |
| " | St. Stephen's Ch. of E. S. | | | | | | | | | | | | | | | |
| Chichester | Warwick St. Boys' S. | 149 | 138 | 70 | 10 | 1 | | | 81 | 5 | | | | 5 13 0 | 0 2 2 | 5 15 2 |
| " | Tower St. B. S. | 110 | 73 | 27 | 24 | 12 | | | 63 | 5 | 3 | | 4 | 8 11 0 | 1 16 9 | 10 7 9 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cuckfield | N. S. | 80 | 65 | 33 | 2 | — | — | — | 35 | 2 | — | — | — | 2 17 0 | Nil. | 2 17 0 |
| Eastbourne | Trinity S. | 96 | 68 | 37 | 19 | 2 | 1 | — | 58 | 2 | 1 | — | — | 5 1 0 | 0 4 4 | 5 5 4 |
| Lewes | Lancaster St. B. S. | 60 | 48 | 28 | 14 | 1 | — | — | 43 | 3 | — | — | — | 3 19 0 | 0 2 2 | 4 1 2 |
| ” | Station Street N. S. | 48 | 51 | 25 | 8 | 2 | — | — | 35 | 1 | — | — | — | 3 7 0 | 0 4 0 | 3 11 0 |
| Littlehampton | Pub. S. | 80 | 72 | 36 | 5 | 2 | — | — | 43 | 2 | — | — | — | 3 12 0 | 0 4 2 | 3 16 2 |
| St. Leonards | Christ Ch. S. | 27 | 18 | 7 | 3 | 2 | — | — | 12 | 2 | — | — | — | 0 19 0 | 0 4 4 | 1 3 4 |
| ” | London Road B. S. | 90 | 44 | 22 | 12 | 9 | — | — | 43 | 5 | — | — | — | 4 13 0 | 0 19 11 | 5 12 11 |
| ” | St. Mary Magdalen S. | 115 | 57 | 39 | 13 | 4 | — | — | 56 | 3 | — | — | — | 4 17 0 | 0 8 10 | 5 5 10 |
| Steyning | N. S. | 50 | 40 | 23 | 12 | 1 | — | — | 36 | 2 | 1 | — | 1 | 4 0 0 | 0 2 2 | 4 2 2 |
| Worthing | Chapel Rd., Davison S. | 31 | 2 | — | 2 | — | — | — | 2 | 2 | — | — | — | 0 4 0 | Nil. | 0 4 0 |
| ” | Richmond Place N. S. | 56 | 46 | 33 | 8 | — | — | — | 41 | 2 | — | — | — | 3 9 0 | Nil. | 3 9 0 |
| ” | Worthing Inst. B. S. | 106 | 73 | 37 | 4 | — | — | — | 41 | 4 | — | — | — | 3 5 0 | Nil. | 3 5 0 |
| **WARWICK.** | | | | | | | | | | | | | | | | |
| Atherstone | Ansley Ch. of E. S. | 74 | 41 | 27 | 4 | 1 | — | — | 32 | — | — | — | — | 2 18 0 | 0 2 2 | 3 0 2 |
| ” | Hartshill S. | 40 | 26 | 19 | 1 | 6 | — | — | 26 | 1 | 1 | — | 1 | 3 9 0 | 0 13 4 | 4 2 4 |
| Birmingham | All Saints' Central S. | 192 | 108 | 43 | 9 | 1 | — | — | 53 | 5 | 3 | — | 3 | 5 14 0 | 0 2 2 | 5 16 2 |
| ” | Aston N. S. | 90 | 86 | 44 | 18 | 16 | — | — | 78 | 3 | 1 | — | 1 | 7 18 0 | 1 15 2 | 9 13 2 |
| ” | Aston, Victoria Road Wes. S. | 50 | 42 | 31 | 9 | 2 | — | — | 42 | — | — | — | — | 3 15 0 | 0 4 4 | 3 19 4 |
| ” | Aston Brook, St. Mary's S. | 180 | 149 | 67 | 7 | 2 | — | — | 76 | 9 | 6 | — | — | 5 7 0 | 0 4 4 | 5 11 4 |
| ” | Benacre St. Wes. S. | 120 | 75 | 40 | 4 | — | — | — | 44 | — | 1 | — | 1 | 3 18 0 | Nil. | 3 18 0 |
| ” | Blue Coat S. | 83 | 80 | 43 | 17 | 7 | — | — | 67 | — | — | — | — | 5 18 0 | 0 14 7 | 6 12 7 |
| ” | Bd. S., Bloomsbury | 250 | 156 | 80 | 9 | 3 | — | — | 92 | 5 | 2 | 2 | 4 | 8 17 0 | 1 2 3 | 9 19 3 |
| ” | ” Broad St. | 210 | 128 | 87 | 14 | 4 | — | — | 105 | 4 | 2 | — | 2 | 8 7 0 | 0 8 6 | 8 15 6 |
| ” | ” Edward St. | 190 | 89 | 55 | 25 | 8 | — | — | 88 | — | — | — | — | 7 9 0 | 0 17 6 | 8 6 6 |
| ” | ” Elkington St. | 120 | 42 | 27 | 3 | 1 | — | — | 31 | 2 | 1 | — | — | 2 16 0 | 0 2 2 | 2 18 2 |
| ” | ” Farm St. | 150 | 47 | 25 | 8 | 6 | — | — | 39 | 5 | 1 | 1 | 2 | 4 19 0 | 1 3 0 | 6 2 0 |
| ” | ” Garrison Lane | 275 | 150 | 66 | 15 | 1 | — | — | 82 | 2 | — | 1 | 1 | 6 9 0 | 0 12 8 | 7 1 8 |
| ” | ” Jenkins St. | 250 | 122 | 75 | 31 | 7 | — | — | 113 | 8 | — | — | — | 8 18 0 | 0 15 2 | 9 13 2 |
| ” | ” Steward St. | 320 | 165 | 89 | 21 | 7 | — | — | 117 | 4 | 3 | — | 3 | 10 2 0 | 0 15 2 | 10 17 2 |
| ” | Bordesley, Trin. Ch. of E. S. | 50 | 32 | 22 | 4 | 1 | — | — | 27 | 3 | — | — | — | 2 13 0 | 0 2 2 | 2 15 2 |
| ” | Christ Ch. S., Pinfold Street. | 120 | 81 | 54 | 12 | 5 | — | — | 71 | 1 | 1 | — | 1 | 6 3 0 | 0 11 0 | 6 14 0 |
| ” | Christ Ch. S., Sparkbrook. | 259 | 58 | 30 | 10 | 2 | — | — | 42 | 5 | — | — | — | 3 16 0 | 0 4 4 | 4 0 4 |
| ” | Deritend, St. John's S. | 145 | 127 | 75 | 21 | — | — | — | 92 | 2 | 1 | — | — | 8 0 0 | 0 19 6 | 8 19 6 |
| ” | Edgbaston, Ampton Road N. S. | 180 | 158 | 90 | 17 | 7 | — | — | 114 | 9 | 3 | 3 | 6 | 11 15 0 | 2 6 3 | 14 1 3 |
| ” | Edgbaston, St. George's N. S. | 160 | 108 | 69 | 16 | 9 | — | — | 94 | 7 | 3 | 1 | 4 | 9 18 0 | 1 4 8 | 11 2 8 |
| ” | Gem St., Bishop Ryder's S. | 400 | 247 | 98 | 13 | 3 | — | — | 114 | — | — | — | — | 7 13 0 | 0 6 6 | 7 19 6 |

Appendix C.

DRAWING IN ELEMENTARY DAY SCHOOLS.

## Instruction in Drawing in Elementary Day Schools—*continued.*

| Town | Name of School. | Total No. of Children taught Drawing. | No. examined in 1st and 2nd Grades. | No. satisfactorily taught, 1st Grade. | No. showing proficiency, 1st Grade. | No. who excelled and obtained Prizes, 1st Grade. | No. of Children who passed in 2nd Grade. | No. of Children who obtained Prizes in 2nd Grade. | No. of Children on whom Payments were made. | No. of Pupil-teachers examined. | No. of Pupil-teachers passed. | No. of Pupil-teachers and paid Monitors who obtained Prizes. | No. of Pupil-teachers and paid Monitors paid Monitors on whom Payments were made. | Amount of Payments made to the School on account of Drawing. | Cost of Prizes and Examples. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | £ s. d. | £ s. d. | £ s. d. |
| Birmingham | Hebrew S. | 70 | 57 | 39 | 9 | 3 | — | — | 51 | 6 | — | — | — | 4 6 0 | 1 15 9 | 6 1 9 |
| " | Hurst St. Unit$^{n}$. Dom. Miss. S. | 330 | 290 | 145 | 56 | 17 | 4 | 1 | 223 | 6 | 2 | 1 | 3 | 19 13 0 | 2 16 5 | 22 9 5 |
| " | Islington Wes. S. | 349 | 333 | 139 | 45 | 9 | 1 | — | 244 | 8 | 5 | — | 5 | 18 11 0 | 1 15 5 | 20 6 5 |
| " | Printford St. Undenom'l. | 120 | 115 | 74 | 24 | 6 | — | — | 104 | 5 | — | 1 | 1 | 8 10 0 | 1 2 11 | 9 12 11 |
| " | St. Andrew's Boys' S. | 70 | 50 | 29 | 8 | 2 | — | — | 39 | — | — | — | — | 3 11 0 | 0 4 4 | 3 15 4 |
| " | St. Anne's N. S. | 120 | 102 | 68 | 12 | 5 | — | — | 85 | 2 | — | — | — | 6 7 0 | 0 10 6 | 6 17 6 |
| " | St. Barnabas' N. S. | 350 | 234 | 91 | 15 | 4 | — | — | 110 | — | — | — | — | 7 13 0 | 0 8 6 | 8 1 6 |
| " | St. Chad's R. C. S. | 115 | 96 | 40 | 11 | 6 | — | — | 57 | 9 | 3 | — | 3 | 7 0 0 | 0 12 6 | 7 12 6 |
| " | St. Clement's N. S. | 160 | 130 | 71 | 39 | 9 | — | — | 119 | — | — | — | — | 9 16 0 | 0 19 0 | 10 15 0 |
| " | St. David's N. S. | 200 | 142 | 52 | 14 | 3 | — | — | 69 | — | — | — | — | 5 9 0 | 0 6 2 | 5 15 2 |
| " | St. George's N. S. | 400 | 179 | 85 | 55 | 10 | — | — | 150 | 5 | — | — | — | 12 15 0 | 4 5 3 | 17 0 3 |
| " | St. John's N. S. | 310 | 275 | 216 | 16 | 9 | — | — | 241 | — | — | — | — | 14 15 0 | 0 19 4 | 15 14 4 |
| " | St. Luke's N. S. | 200 | 153 | 122 | 15 | 5 | — | — | 142 | 15 | 3 | — | 3 | 10 17 0 | 0 10 6 | 11 7 6 |
| " | St. Mark's N. S. | 350 | 310 | 146 | 46 | 17 | — | — | 209 | 14 | — | — | — | 16 19 0 | 1 15 10 | 18 14 10 |
| " | St. Matthias' N. S. | 310 | 270 | 206 | 39 | 8 | — | — | 253 | — | — | — | — | 17 8 0 | 0 17 2 | 18 5 2 |
| " | St. Paul's N. S. | 220 | 174 | 94 | 41 | 11 | — | — | 146 | 4 | 1 | — | — | 12 19 0 | 2 3 8 | 15 2 8 |
| " | St. Silas' (Lozells) S. | 140 | 118 | 84 | 23 | 4 | 1 | — | 112 | 9 | 7 | 2 | 3 | 12 17 0 | 4 1 10 | 16 18 10 |
| " | St. Stephen's N. S. | 200 | 162 | 115 | 27 | 9 | — | — | 151 | 5 | — | 1 | 1 | 11 6 0 | 1 9 7 | 12 15 7 |
| " | St. Thomas' N. S., Boys'. | 120 | 100 | 50 | 36 | 10 | — | — | 96 | 5 | 1 | — | 2 | 9 12 0 | 1 7 0 | 10 19 0 |
| " | St. Thomas' N. S., Girls'. | 160 | 90 | 61 | 11 | 4 | — | — | 76 | — | — | — | — | 5 15 0 | 0 8 8 | 6 3 8 |
| " | Severn Street B. S. | 180 | 107 | 79 | 13 | 5 | — | — | 97 | — | — | — | — | 7 0 0 | 0 10 10 | 7 10 10 |
| " | Wycliffe B. S. | 220 | 69 | 44 | 23 | 3 | — | — | 70 | 3 | — | — | — | 4 19 0 | 0 6 6 | 5 5 6 |
| Coventry | King Street B. S. | 107 | 99 | 54 | 15 | 7 | 4 | — | 80 | — | — | — | — | 7 5 0 | 0 15 0 | 8 0 0 |
| " | St. John's S. | 65 | 50 | 26 | 8 | 4 | — | — | 38 | 1 | — | — | — | 3 14 0 | 0 8 8 | 4 2 8 |
| " | St. Michaels' S. | 200 | 102 | 51 | 13 | 4 | — | — | 68 | — | — | — | — | 5 9 0 | 0 8 6 | 5 17 6 |
| " | St. Osburg's R. C. S. | 115 | 65 | 29 | 19 | 6 | — | — | 54 | — | — | — | — | 5 5 0 | 0 12 10 | 5 17 10 |
| " | St. Peter's S. | 230 | 148 | 73 | 16 | 5 | — | — | 94 | — | — | — | — | 7 0 0 | 0 10 8 | 7 10 8 |
| " | South Street Bd. S. | 45 | 32 | 23 | 5 | 4 | — | — | 32 | 5 | 1 | — | 1 | 3 15 0 | 2 19 6 | 6 14 6 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ,, | Trinity N. S. | 250 | 99 | 52 | 35 | 10 | — | — | 97 | 8 | — | — | — | 8 12 0 | 1 1 4 | 9 13 4 |
| Knowle | Par. S. | 70 | 45 | 17 | 6 | 4 | — | — | 27 | 1 | 1 | — | 1 | 3 11 0 | 0 8 9 | 3 19 9 |
| Lea Marston | Ch. of E. S. | 48 | 40 | 25 | 9 | — | — | — | 34 | 2 | — | — | — | 3 3 0 | Nil. | 3 3 0 |
| Leamington | Holly Walk B. S. | 104 | 43 | 21 | 10 | 4 | — | — | 35 | 2 | 1 | — | 1 | 4 13 0 | 0 8 6 | 5 1 6 |
| ,, | Portland St. Wes. S. | 155 | 136 | 60 | 31 | 20 | 8 | — | 119 | 3 | 2 | — | 2 | 13 2 0 | 2 2 6 | 15 4 6 |
| ,, | St. John's N. S. | 52 | 39 | 15 | 5 | 3 | — | — | 23 | 1 | — | — | — | 2 14 0 | 0 6 7 | 3 0 7 |
| ,, | St. Mary's S. | 100 | 50 | 46 | 4 | — | — | — | 50 | 1 | 1 | — | — | 3 14 0 | Nil. | 3 14 0 |
| ,, | Spencer Street S. | 70 | 64 | 35 | 16 | 7 | 2 | — | 58 | — | — | — | — | 5 8 0 | 0 14 8 | 6 2 8 |
| Quinton | N. S. | 74 | 59 | 41 | 4 | 4 | — | — | 49 | — | — | — | — | 4 1 0 | 0 8 10 | 4 9 10 |
| Rugby | Elborow N. S. | 75 | 47 | 28 | 5 | 4 | — | — | 37 | 6 | 3 | — | 3 | 5 0 0 | 0 8 8 | 5 8 8 |
| ,, | St. Matthew's Par. S. | 110 | 74 | 38 | 6 | 3 | — | — | 47 | — | — | — | — | 3 19 0 | 0 6 7 | 4 5 7 |
| Saltley | Train. Coll. Model S. | 51 | 45 | 18 | 13 | 4 | — | — | 35 | 1 | 1 | — | 1 | 4 6 0 | 0 8 8 | 4 14 8 |
| ,, | ,, Pract. S. | 60 | 51 | 34 | 4 | — | — | — | 38 | 2 | — | — | — | 3 2 0 | Nil. | 3 2 0 |
| Shirley | Ch. of E. S. | 30 | 21 | 13 | 7 | 1 | — | — | 21 | 1 | — | — | — | 2 10 0 | 0 2 2 | 2 12 2 |
| Stratford-on-Avon | N. S. | 80 | 46 | 24 | 12 | 8 | — | — | 44 | 7 | 3 | 1 | 4 | 7 2 0 | 1 7 6 | 8 9 6 |
| ,, | Rother Street B. S. | 70 | 60 | 28 | 10 | 2 | — | — | 40 | — | — | — | — | 3 14 0 | 1 9 10 | 5 3 10 |
| Tysoe | N. S. | 70 | 60 | 42 | 8 | 5 | — | — | 55 | 4 | 2 | 2 | 4 | 6 13 0 | 1 12 0 | 8 5 0 |
| Warwick | Borough N. S. | 86 | 73 | 28 | 10 | 4 | — | — | 42 | 3 | 2 | 1 | 3 | 5 10 0 | 0 18 10 | 6 8 10 |
| ,, | Brook Street B. S. | 78 | 67 | 34 | 10 | 8 | — | — | 52 | 1 | — | — | — | 4 18 0 | 0 17 6 | 5 15 6 |
| WESTMORELAND. | | | | | | | | | | | | | | | | |
| Appleby | St. Lawrence B. S. | 60 | 55 | 30 | 12 | 4 | — | — | 46 | 1 | 1 | — | — | 4 6 0 | 0 8 8 | 4 14 8 |
| Kendal | Kendal Green B. S. | 75 | 69 | 45 | 15 | 2 | — | — | 62 | 3 | 1 | — | 1 | 6 1 0 | 0 4 4 | 6 5 4 |
| ,, | Blue Coat S. | } 39 | 33 { | 7 | 4 | 6 | 1 | — | 18 | — | — | — | — | 1 18 0 | 0 13 2 | 2 11 2 |
| ,, | B. S. | | | 4 | 1 | 1 | — | — | 6 | — | — | — | — | 0 9 0 | 0 2 2 | 0 11 2 |
| Langdale | Ch. S. | 11 | 11 | 4 | 2 | — | — | — | 6 | — | — | — | — | 0 8 0 | Nil. | 0 8 0 |
| Levens | Ch. of E. S. | 60 | 36 | 19 | 11 | 5 | — | — | 35 | — | — | — | — | 3 16 0 | 0 10 10 | 4 6 10 |
| WILTSHIRE. | | | | | | | | | | | | | | | | |
| Calne | Bowood S. | 70 | 58 | 32 | 8 | 1 | — | — | 41 | 1 | — | — | — | 3 11 0 | 0 2 2 | 3 13 2 |
| ,, | "The Green," Boys' N. S. | 85 | 78 | 53 | 11 | 4 | — | — | 68 | 3 | 2 | — | 2 | 6 17 0 | 0 8 6 | 7 5 6 |
| Corsham | B. S. | 40 | 32 | 15 | 13 | 4 | — | — | 32 | 1 | 1 | — | 1 | 4 13 0 | 0 8 8 | 5 1 8 |
| Derry Hill | N. S. | 33 | 30 | 19 | 5 | 3 | — | — | 27 | 2 | — | — | — | 2 18 0 | 1 7 4 | 4 5 4 |
| Devizes | Northgate Street B. S. | 65 | 54 | 38 | 6 | 3 | — | — | 47 | 3 | 1 | — | — | 3 19 0 | 0 6 6 | 4 5 6 |
| ,, | Sheep St. and Morris Lane Girls' S. | 70 | 35 | 8 | — | — | — | — | 8 | — | — | — | — | 0 8 0 | Nil. | 0 8 0 |
| Grafton, East | N. S. | 60 | 42 | 32 | 4 | 2 | — | — | 38 | 1 | — | — | — | 3 6 0 | 0 4 4 | 3 10 4 |
| Market Lavington | N. S. | 65 | 60 | 20 | 4 | — | — | — | 24 | — | — | — | — | 2 8 0 | 2 16 0 | 5 4 0 |
| Marlborough | St. Peter's N. S. | 100 | 86 | 42 | 17 | 10 | — | — | 69 | 3 | 2 | — | 2 | 7 6 0 | 1 1 6 | 8 7 6 |
| Melksham | B. S. | 70 | 68 | 32 | 11 | 7 | — | — | 50 | 1 | — | 1 | 1 | 5 5 0 | 1 5 9 | 6 10 9 |
| ,, | N. S. | 80 | 67 | 27 | 10 | 4 | — | — | 41 | 2 | — | — | — | 3 19 0 | 0 8 8 | 4 7 8 |
| Mere | B. S. | 79 | 46 | 30 | 8 | 3 | — | — | 41 | 5 | 1 | — | 1 | 4 15 0 | 0 6 4 | 5 1 4 |
| ,, | Ch. Street N. S. | 60 | 39 | 26 | 9 | — | — | — | 35 | — | — | — | — | 3 4 0 | Nil. | 3 4 0 |
| Salisbury | Fisherton B. S. | 118 | 106 | 78 | 16 | 2 | — | — | 96 | 4 | 1 | — | 1 | 7 6 0 | 4 1 0 | 11 7 0 |
| ,, | ,, N. S. | 133 | 113 | 77 | 7 | 6 | — | — | 90 | — | — | — | — | 6 9 0 | 2 5 1 | 8 14 1 |

## Instruction in Drawing in Elementary Day Schools—*continued.*

| Town. | Name of School. | Total No. of Children taught Drawing. | No. examined in 1st and 2nd Grades. | No. satisfactorily taught, 1st Grade. | No. showing proficiency, 1st Grade. | No. who excelled and obtained Prizes, 1st Grade. | No. of Children who passed in 2nd Grade. | No. of Children who obtained Prizes in 2nd Grade. | No. of Children on whom Payments were made. | No. of Pupil-teachers and paid Monitors examined. | No. of Pupil-teachers and paid Monitors passed. | No. of Pupil-teachers and paid Monitors who obtained Prizes. | No. of Pupil-teachers and paid Monitors on whom Payments were made. | Amount of Payments made to the School on account of Drawing. | Cost of Prizes and Examples. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | £ s. d. | £ s. d. | £ s. d. |
| Salisbury | St. Edmund's N. S. | 70 | 41 | 18 | 18 | 8 | — | — | 44 | — | — | — | — | 4 18 0 | 0 17 7 | 5 15 7 |
| ,, | St. Martin's N. S. | 110 | 83 | 60 | 17 | 5 | — | — | 82 | 2 | 1 | — | 1 | 6 19 0 | 0 11 0 | 7 10 0 |
| ,, | St. Thomas' N. S. | 90 | 70 | 43 | 11 | 4 | — | — | 58 | 5 | 3 | — | 3 | 6 17 0 | 1 14 3 | 8 11 3 |
| Swindon, New | G. W. Railway Boys' S. | 503 | 318 | 191 | 51 | 18 | — | — | 260 | 4 | — | — | — | 18 7 0 | 1 18 10 | 20 5 10 |
| ,, ,, | ,, Girls' S. | 424 | 134 | 106 | 20 | 3 | — | — | 129 | — | — | — | — | 8 15 0 | 0 6 6 | 9 1 6 |
| Tisbury | B. S. | 30 | 30 | 18 | 4 | 5 | — | — | 27 | — | — | — | — | 3 1 0 | 0 10 10 | 3 11 10 |
| Trowbridge | B. S. | 198 | 130 | 66 | 21 | 9 | — | — | 96 | — | — | — | — | 7 15 0 | 0 19 0 | 8 14 0 |
| ,, | Par. and N. S. | 160 | 142 | 61 | 17 | 14 | — | 1 | 93 | 1 | — | — | — | 8 2 0 | 2 1 4 | 10 3 4 |
| ,, | Trinity N. S. | 130 | 101 | 77 | 6 | 1 | — | — | 84 | — | — | — | — | 5 12 0 | 0 2 2 | 5 14 2 |
| Warminster | B. S. | 58 | 42 | 26 | 4 | 3 | — | — | 33 | 1 | 1 | — | 1 | 3 13 0 | 0 6 4 | 3 19 4 |
| Wilton | N. S. | 45 | 35 | 17 | 12 | 4 | — | — | 33 | 3 | — | — | — | 3 13 0 | 0 8 10 | 4 1 10 |
| Wootton Bassett | B. S. | 60 | 33 | 15 | 4 | 2 | — | — | 21 | — | — | — | — | 2 9 0 | 0 4 4 | 2 13 4 |
| WORCESTER. | | | | | | | | | | | | | | | | |
| Acocks Green | St. Mary's S. | 22 | 15 | 11 | 3 | 1 | — | — | 15 | — | — | — | — | 1 0 0 | 0 2 2 | 1 2 2 |
| Alvechurch | N. S. | 40 | 34 | 24 | 5 | 2 | — | — | 31 | 2 | 2 | — | 2 | 4 0 0 | 0 4 4 | 4 4 4 |
| Balsall Heath | St. Paul's S. | 200 | 103 | 68 | 38 | 7 | — | — | 113 | 4 | 2 | 1 | 3 | 11 5 0 | 1 5 4 | 12 10 4 |
| Bewdley and Wribbenhall. | R. S. | 120 | 102 | 63 | 17 | 4 | 1 | — | 85 | — | — | — | — | 6 14 0 | 0 8 9 | 7 2 9 |
| Bromsgrove | N. S. | 171 | 67 | 47 | 12 | 4 | — | — | 63 | 5 | — | — | — | 5 3 0 | 0 8 4 | 5 11 4 |
| Catshill | N. S. | 48 | 39 | 31 | 3 | 1 | — | — | 35 | — | — | — | — | 3 0 0 | 0 2 2 | 3 2 2 |
| Droitwich | Coventry S. | 35 | 29 | 17 | 5 | — | — | — | 22 | — | — | — | — | 2 7 0 | Nil. | 2 7 0 |
| ,, | Holloway N. S. | 150 | 150 | 121 | 13 | 2 | — | — | 136 | — | — | — | — | 8 13 0 | 0 4 2 | 8 17 2 |
| Dudley | Alma Place Wes. S. | 100 | 65 | 47 | 5 | 3 | — | — | 55 | 3 | 1 | — | 1 | 4 16 0 | 0 6 2 | 5 2 2 |
| Dudley | Baylies' Charity S. | 154 | 153 | 98 | 27 | 11 | — | — | 136 | 8 | 3 | — | 3 | 11 15 0 | 2 10 11 | 14 5 11 |
| ,, | Blue Coat S. | 356 | 252 | 186 | 46 | 12 | 1 | — | 245 | — | — | — | — | 16 19 0 | 1 5 2 | 18 4 2 |
| ,, | Derby End Bd. S. | 100 | 63 | 34 | 13 | 3 | — | — | 50 | 2 | — | — | — | 4 9 0 | 0 6 6 | 4 15 6 |
| ,, | Holly Hall S. | 430 | 364 | 225 | 48 | 21 | 1 | — | 295 | — | — | — | — | 20 9 0 | 2 6 1 | 22 15 1 |
| ,, | Jesson's Charity S. | 36 | 32 | 20 | 9 | 2 | — | — | 31 | — | — | — | — | 2 4 0 | 0 4 5 | 2 8 5 |
| ,, | Kates Hill Bd. S. | 60 | 42 | 33 | 2 | 3 | — | — | 38 | 1 | — | — | — | 3 6 0 | 0 6 6 | 3 12 6 |
| ,, | S. James' N. S. | 120 | 47 | 31 | 11 | 1 | — | — | 43 | — | — | — | — | 3 16 0 | 0 2 2 | 3 18 2 |

| | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| „ - - | Stafford Street B. S. - | 136 | 96 | 78 | 12 | 3 | — | — | 93 | 2 | — | — | — | 6 | 11 | 0 | 0 | 6 | 4 | 6 | 17 | 4 |
| „ - - | Upper King St. Par. S. | 180 | 55 | 35 | 16 | 2 | — | — | 53 | — | — | — | — | 4 | 13 | 0 | 0 | 4 | 2 | 4 | 17 | 2 |
| Evesham - - | N. S. - - - | 120 | 81 | 47 | 17 | 6 | — | — | 70 | 6 | 1 | — | 1 | 6 | 9 | 0 | 0 | 13 | 0 | 7 | 2 | 0 |
| Feckenham - - | N. S. - - - | 50 | 37 | 16 | 15 | 5 | — | — | 36 | 1 | 1 | — | — | 4 | 1 | 0 | 0 | 10 | 10 | 4 | 11 | 10 |
| Kidderminster - | Coventry St. Bd. S. - | 90 | 82 | 37 | 18 | 4 | — | — | 59 | — | — | — | — | 5 | 5 | 0 | 0 | 8 | 8 | 5 | 13 | 8 |
| „ - | New Meeting S. - | 200 | 179 | 119 | 37 | 8 | 1 | — | 165 | 4 | 1 | 1 | 2 | 13 | 2 | 0 | 2 | 11 | 7 | 15 | 13 | 7 |
| „ - | Old Meeting S. - | 200 | 153 | 112 | 11 | 2 | — | — | 125 | — | — | — | — | 8 | 0 | 0 | 0 | 4 | 4 | 8 | 4 | 4 |
| „ - | St. George's N. S. - | 150 | 134 | 76 | 20 | 7 | — | — | 103 | 2 | — | — | — | 7 | 17 | 0 | 0 | 15 | 7 | 8 | 12 | 7 |
| „ - | St. John Baptist's S. - | 130 | 87 | 43 | 26 | 9 | — | — | 78 | 7 | 1 | — | 1 | 6 | 12 | 0 | 0 | 19 | 6 | 7 | 11 | 6 |
| „ - | St Mary's N. S. - - | 130 | 129 | 62 | 34 | 11 | — | — | 107 | 7 | 1 | — | 1 | 9 | 13 | 0 | 1 | 3 | 5 | 10 | 16 | 5 |
| „ - | Worcester Cross Boys' S. | 70 | 62 | 38 | 7 | 2 | — | — | 47 | 1 | — | — | — | 3 | 18 | 0 | 0 | 4 | 4 | 4 | 2 | 4 |
| Lickey - - | N. S. - - - | 65 | 39 | 33 | 3 | 1 | — | — | 37 | 2 | 2 | — | 2 | 4 | 2 | 0 | 0 | 2 | 2 | 4 | 4 | 2 |
| Lye - - | Boys' S. - - | 75 | 52 | 23 | 5 | 2 | — | — | 30 | 3 | 1 | — | 1 | 3 | 9 | 0 | 0 | 4 | 4 | 3 | 13 | 4 |
| „ - - | High Street B. S. - | 50 | 35 | 21 | 7 | 4 | — | — | 32 | 3 | 1 | — | 1 | 3 | 17 | 0 | 0 | 8 | 8 | 4 | 5 | 8 |
| Malvern, North - | N. S. - - - | 62 | 52 | 42 | 9 | 1 | — | — | 52 | — | — | — | — | 4 | 3 | 0 | 0 | 2 | 3 | 4 | 5 | 3 |
| „ Link - | N. S. - - - | 90 | 81 | 38 | 25 | 9 | — | — | 72 | 3 | — | 1 | 1 | 7 | 5 | 0 | 1 | 9 | 8 | 8 | 14 | 8 |
| Moseley - - | Boys' N. S. - - } | 230 | 159 | 74 | 12 | 5 | — | — | 91 | — | — | — | — | 6 | 13 | 0 | 0 | 10 | 6 | 7 | 3 | 6 |
| „ - - | Girls' N. S. - - } | | 68 | 56 | 4 | — | — | — | 60 | — | — | — | — | 3 | 4 | 0 | Nil. | | | 3 | 4 | 0 |
| Netherton - - | N. S. - - - | 120 | 78 | 57 | 8 | 1 | — | — | 66 | — | 1 | 1 | 2 | 5 | 16 | 0 | 0 | 11 | 3 | 6 | 7 | 3 |
| Oldbury - - | Birmingham St. Free S. | 150 | 144 | 105 | 21 | 2 | — | — | 128 | — | — | — | — | 8 | 13 | 0 | 0 | 4 | 4 | 8 | 17 | 4 |
| „ - | Broadwell St. N. S. - | 280 | 219 | 121 | 19 | 6 | — | — | 146 | — | — | — | — | 9 | 17 | 0 | 0 | 12 | 4 | 10 | 9 | 4 |
| „ - | Chance's S. - | 285 | 206 | 141 | 16 | 5 | — | — | 162 | — | — | — | — | 10 | 8 | 0 | 0 | 10 | 4 | 10 | 18 | 4 |
| „ - | Wesley St. Wes. S. - | 200 | 161 | 115 | 25 | 4 | — | — | 144 | 1 | — | — | — | 9 | 17 | 0 | 0 | 8 | 6 | 10 | 5 | 6 |
| Old Hill - - | Meth. S. - - | 70 | 65 | 31 | 9 | 4 | — | — | 44 | 3 | 1 | — | 1 | 4 | 11 | 0 | 0 | 8 | 8 | 4 | 19 | 8 |
| Pershore - - | N. S. - - - | 136 | 85 | 37 | 12 | 2 | — | — | 51 | — | — | — | — | 4 | 7 | 0 | 0 | 4 | 4 | 4 | 11 | 4 |
| Redditch - - | Ipsley St. Wes. S. - | 167 | 109 | 44 | 5 | 4 | — | — | 53 | 2 | 2 | — | 2 | 5 | 16 | 0 | 2 | 0 | 5 | 7 | 16 | 5 |
| „ - | Peakman St. N. S. - | 120 | 81 | 37 | 18 | 6 | — | — | 61 | 1 | — | — | — | 5 | 11 | 0 | 0 | 12 | 10 | 6 | 3 | 10 |
| Selly Oak - - | St. Mary's S. - - | 145 | 115 | 55 | 10 | 2 | — | — | 67 | — | — | — | — | 5 | 1 | 0 | 0 | 4 | 4 | 5 | 5 | 4 |
| Stoke Prior - | N. S. - - - | 100 | 78 | 37 | 5 | 2 | — | — | 44 | — | — | — | — | 3 | 18 | 0 | 0 | 4 | 4 | 3 | 17 | 4 |
| Stourbridge - | St. John's S. - - | 84 | 67 | 47 | 6 | 3 | — | — | 56 | — | — | — | — | 4 | 8 | 0 | 0 | 6 | 6 | 4 | 14 | 6 |
| „ - - | St. Thomas' S. - | 175 | 88 | 45 | 1 | — | — | — | 46 | — | — | — | — | 3 | 7 | 0 | Nil. | | | 3 | 7 | 0 |
| „ - - | Wollaston Rd. Presn. S. | 103 | 76 | 42 | 14 | 10 | — | — | 66 | 2 | 1 | — | 1 | 6 | 10 | 0 | 1 | 2 | 1 | 7 | 12 | 1 |
| „ - - | Wollaston Road, Saint James' S. | 125 | 89 | 56 | 29 | 4 | — | — | 89 | — | — | — | — | 7 | 6 | 0 | 0 | 8 | 2 | 7 | 14 | 2 |
| Stourport - - | Boys' N. S. - - | 99 | 92 | 59 | 15 | 4 | — | — | 78 | — | — | — | — | 6 | 1 | 0 | 0 | 8 | 4 | 6 | 9 | 4 |
| „ - | Girls' N. S. - - | 72 | 49 | 22 | 2 | 1 | — | — | 25 | — | — | — | — | 2 | 9 | 0 | 0 | 2 | 2 | 2 | 11 | 2 |
| Upton-on-Severn | N. S. - - - | 60 | 51 | 35 | 5 | 2 | — | — | 42 | 2 | — | — | — | 3 | 11 | 0 | 0 | 4 | 4 | 3 | 15 | 4 |
| Witley, Great - | N. S. - - - | 40 | 30 | 19 | 3 | 4 | — | — | 26 | — | — | — | — | 2 | 17 | 0 | 0 | 8 | 10 | 3 | 5 | 10 |
| Worcester - - | Friar Street Wes. S. - | 120 | 110 | 52 | 10 | 8 | — | 1 | 71 | 1 | — | — | — | 5 | 16 | 0 | 1 | 7 | 3 | 7 | 3 | 3 |
| „ - - | St. Clement's S. - | 76 | 51 | 38 | 6 | 2 | — | — | 46 | 6 | 1 | — | 1 | 4 | 6 | 0 | 0 | 8 | 2 | 4 | 14 | 2 |
| „ - - | St. George's S. - | 130 | 107 | 85 | 16 | 2 | — | — | 103 | 4 | 1 | — | 1 | 7 | 13 | 0 | 0 | 4 | 0 | 7 | 17 | 0 |
| „ - - | St. John's S. - - | 115 | 83 | 51 | 26 | 6 | — | — | 81 | — | — | — | — | 6 | 15 | 0 | 0 | 13 | 2 | 7 | 8 | 2 |
| „ - - | St. Martin's N. S. - | 200 | 146 | 93 | 39 | 11 | — | — | 143 | 4 | 1 | 1 | 2 | 12 | 4 | 0 | 1 | 14 | 6 | 13 | 18 | 6 |
| „ - - | St. Peter's S. - - | 271 | 140 | 104 | 24 | 8 | — | — | 136 | — | — | — | — | 9 | 16 | 0 | 0 | 17 | 2 | 10 | 13 | 2 |
| „ - - | St. Stephen's S. - | 216 | 181 | 120 | 40 | 11 | — | — | 171 | 6 | 1 | — | 1 | 13 | 3 | 0 | 1 | 4 | 0 | 14 | 7 | 0 |

## Instruction in Drawing in Elementary Day Schools—*continued.*

| Town. | Name of School. | Total No. of Children taught Drawing. | No. examined in 1st and 2nd Grades. | No. satisfactorily taught, 1st Grade. | No. showing proficiency, 1st Grade. | No. who excelled and obtained Prizes, 1st Grade. | No. of Children who passed in 2nd Grade. | No. of Children who obtained Prizes in 2nd Grade. | No. of Children on whom Payments were made. | No. of Pupil-teachers and paid Monitors examined. | No. of Pupil-teachers and paid Monitors passed. | No. of Pupil-teachers and paid Monitors who obtained Prizes. | No. of Pupil-teachers and paid Monitors on whom Payments were made. | Amount of Payments made to the School on account of Drawing. | Cost of Prizes and Examples. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | £ s. d. | £ s. d. | £ s. d. |
| YORKSHIRE. | | | | | | | | | | | | | | | | |
| Allerton | B. S. | 87 | 50 | 24 | 7 | 2 | — | — | 33 | 3 | — | — | — | 3 4 0 | 0 4 4 | 3 8 4 |
| Altofts | Ch. of E. S. | 90 | 75 | 55 | 8 | 1 | 2 | — | 66 | 2 | — | — | — | 5 4 0 | 0 2 3 | 5 6 3 |
| Armley | Ch. of E. S. | 130 | 82 | 57 | 10 | 4 | — | — | 71 | 5 | 3 | — | 3 | 6 19 0 | 0 8 6 | 7 7 6 |
| Attercliffe | Christ Ch. N. S. | 80 | 63 | 41 | 6 | 4 | — | — | 51 | 6 | 3 | — | 3 | 5 15 0 | 0 8 8 | 6 3 8 |
| Barkisland | Ch. of E. Endowed S. | 90 | 46 | 30 | 2 | 3 | — | — | 35 | — | — | — | — | 3 3 0 | 0 6 9 | 3 9 9 |
| Barnsley | Eldon Street Bd. S. | 125 | 36 | 16 | — | — | — | — | 16 | — | — | — | — | 0 16 0 | Nil. | 0 16 0 |
| „ | Higham and Barugh N. S. | 42 | 37 | 6 | 2 | — | — | — | — | 1 | 1 | — | — | Nil. | Nil. | Nil. |
| „ | Holyrood R. C. S. | 125 | 93 | 49 | 14 | 2 | — | — | 65 | 5 | 1 | — | 1 | 5 13 0 | 0 4 4 | 5 17 4 |
| „ | Park Road Bd. S. | 100 | 40 | 19 | 21 | — | — | — | 40 | 1 | 1 | — | 1 | 4 11 0 | Nil. | 4 11 0 |
| „ | St. George's Boys' N. S. | 130 | 66 | 46 | 5 | — | — | — | 51 | — | — | — | — | 3 16 0 | Nil. | 3 16 0 |
| „ | „ Girls' N. S. | 60 | 50 | 25 | 2 | — | — | — | 27 | 2 | 2 | 1 | 3 | 3 19 0 | 0 10 0 | 4 9 0 |
| „ | St. Mary's Par. Ch. S. | 170 | 70 | 36 | 10 | 5 | — | — | 51 | 3 | — | — | — | 4 11 0 | 0 10 4 | 5 1 4 |
| „ | Worsborough Dale N. S. | 120 | 54 | 35 | 6 | — | — | — | 41 | 3 | 1 | — | 1 | 3 17 0 | Nil. | 3 17 0 |
| Batley | N. S. | 130 | 98 | 30 | — | — | — | — | 30 | 8 | 2 | — | — | 2 10 0 | Nil. | 2 10 0 |
| Bawtry | Chapel Lane Wes. S. | 56 | 36 | 8 | — | — | — | — | 8 | 1 | — | — | — | 0 8 0 | Nil. | 0 8 0 |
| Berry Brow | Armitage Bridge N. S. | 80 | 40 | 29 | 8 | 3 | — | — | 40 | — | — | — | — | 3 14 0 | 0 6 6 | 4 0 6 |
| Beverley-Minster | N. S. | 124 | 81 | 47 | 18 | 7 | 2 | — | 74 | 3 | — | — | — | 6 14 0 | 0 14 10 | 7 8 10 |
| „ | St. Mary and St. Nicholas' N. S. | 96 | 103 | 36 | 33 | 11 | — | — | 80 | 3 | 3 | — | 3 | 10 5 0 | 1 3 6 | 11 8 6 |
| „ | Walkergate Wes. S. | 300 | 244 | 135 | 21 | 4 | — | — | 160 | 5 | 1 | — | 1 | 10 19 0 | 0 8 8 | 11 7 8 |
| Bingley | Castlefields Wes. S. | 72 | 72 | 49 | 10 | — | — | — | 59 | — | — | — | — | 4 9 0 | Nil. | 4 9 0 |
| „ | Cullingworth N. S. | 34 | 22 | 6 | 1 | — | — | — | 7 | 1 | — | — | — | 0 8 0 | Nil. | 0 8 0 |
| „ | Wes. S. | 213 | 209 | 88 | 52 | 12 | 3 | — | 155 | 8 | 3 | — | 3 | 15 3 0 | 1 5 11 | 16 8 11 |
| Birstal | Brownhill N. S. | 61 | 46 | 38 | 2 | 1 | — | — | 41 | — | 1 | — | 1 | 3 15 0 | 0 2 2 | 3 17 2 |
| Bradford | All Saints' N. S. | 211 | 156 | 93 | 23 | — | — | — | 116 | 8 | 1 | 1 | 2 | 8 19 0 | 0 10 6 | 9 9 6 |
| „ | Brierley Ch. of E. S. | 65 | 49 | 41 | 3 | — | — | — | 44 | 4 | 1 | 1 | 2 | 4 7 0 | 0 10 6 | 4 17 6 |
| „ | Bd. S., Feversham St. | 150 | 39 | 27 | 4 | — | — | — | 31 | — | — | — | — | 2 15 0 | Nil. | 2 15 0 |
| „ | „ Great Horton | | 48 | 30 | 5 | — | — | — | 35 | — | — | — | — | 2 0 0 | Nil. | 2 0 0 |
| „ | „ Whitley Lane | | 27 | 8 | 15 | 3 | — | — | 26 | — | — | — | — | 2 7 0 | 0 6 6 | 2 13 6 |

| | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| „ - - | Borough West S. - | 220 | 209 | 101 | 73 | 16 | — | — | 190 | 7 | 2 | 2 | 4 | 17 15 0 | 2 9 10 | 20 4 10 |
| „ - - | Captain Street Par. S. | 349 | 194 | 99 | 10 | 2 | — | — | 108 | — | — | — | — | 7 2 0 | 0 4 6 | 7 6 6 |
| „ - - | Christ Ch. N. S. - | 70 | 46 | 25 | 9 | 2 | — | — | 36 | 3 | 1 | — | 1 | 3 19 0 | 0 4 2 | 4 3 2 |
| „ - - | Muff Field Wes. Ref. N. S. | 120 | 54 | 30 | 13 | 3 | — | — | 46 | — | — | — | — | 4 5 0 | 0 6 6 | 4 11 6 |
| „ - - | New Leeds, Mount Street N. S. | 80 | 73 | 28 | 28 | 8 | — | — | 64 | 3 | 1 | — | 1 | 6 18 0 | 2 9 6 | 9 7 6 |
| „ - - | Richmond Terrace Wes. S. | 77 | 26 | 18 | 5 | 1 | — | — | 24 | — | — | — | — | 2 11 0 | 0 2 2 | 2 13 2 |
| „ - - | St. James' Boys' N. S. | 140 | 128 | 44 | 12 | 2 | — | — | 58 | — | 1 | — | — | 4 14 0 | 0 4 5 | 4 18 5 |
| „ - - | St. John's Model S. - | 450 | 331 | 143 | 22 | 9 | — | — | 174 | — | — | — | — | 11 14 0 | 0 19 6 | 12 13 6 |
| „ - - | St. Jude's S., Manningham. | 120 | 99 | 31 | 5 | 1 | — | — | 37 | — | — | — | — | 3 4 0 | 0 2 2 | 3 6 2 |
| „ - - | White Abbey Road Wes. S. | 200 | 186 | 77 | 7 | — | 2 | — | 84 | — | — | — | — | 5 11 0 | Nil. | 5 11 0 |
| Bramley - - | Hough Lane N. S. - | 180 | 120 | 52 | 1 | 1 | — | — | 54 | — | — | — | — | 3 17 0 | 0 2 2 | 3 19 2 |
| „ - - | Town Street Wes. S. - | 150 | 115 | 49 | 12 | 1 | 2 | — | 64 | 4 | 1 | — | 1 | 5 16 0 | 0 2 2 | 5 18 2 |
| Brighouse - | N. S. - - - | 183 | 138 | 94 | 6 | — | — | — | 100 | 3 | — | — | — | 6 6 0 | Nil. | 6 6 0 |
| Burley - - | N. S. - - - | 50 | 58 | 23 | 5 | — | — | — | — | — | — | — | — | Nil. | Nil. | N[1]. |
| Burley-in-Wharfedale. | N. S. - - - | 80 | 69 | 41 | 10 | 4 | — | — | 55 | — | — | — | — | 4 13 0 | 0 8 10 | 5 1 10 |
| Calverley - - | N. S. - - - | 50 | 45 | 23 | 5 | 4 | — | — | 32 | — | — | — | — | 3 5 0 | 0 8 8 | 3 13 8 |
| „ - - | Wes. S. - - - | 75 | 42 | 18 | 3 | — | — | — | 21 | — | — | — | — | 2 4 0 | Nil. | 2 4 0 |
| Chapel Allerton - | Gledhow S. - - | 14 | 14 | 10 | 1 | — | — | — | 11 | — | — | — | — | 0 12 0 | Nil. | 0 12 0 |
| Chapeltown - | Lound N. S. - - | 200 | 109 | 64 | 13 | 1 | — | — | 78 | 6 | 2 | — | 2 | 6 13 0 | 0 2 2 | 6 15 2 |
| Churwell - - | Bd. S. - - - | 180 | 66 | 47 | 10 | 1 | — | — | 58 | — | — | — | — | 4 10 0 | 0 2 2 | 4 12 2 |
| Clayton - - | N. S. - - - | 45 | 44 | 23 | 6 | 3 | — | — | 32 | 1 | — | — | — | 3 4 0 | 0 6 6 | 3 10 6 |
| „ West - | Kaye's Undenom[l]. S. - | 70 | 52 | 34 | 4 | 1 | — | — | 39 | — | — | — | — | 3 5 0 | 0 2 0 | 3 7 0 |
| Conisborough - | Bd. S. - - - | 80 | 50 | 37 | 7 | 3 | — | — | 47 | — | — | — | — | 4 0 0 | 0 6 6 | 4 6 6 |
| Cononley - - | N. S. - - - | 34 | 30 | 23 | 1 | — | — | — | 24 | 1 | 1 | — | 1 | 2 15 0 | Nil. | 2 15 0 |
| Copley - - | Factory S. - - | 310 | 126 | 113 | 15 | 1 | — | — | 129 | — | — | — | — | 8 6 0 | 0 2 3 | 8 8 3 |
| Cottingham - | King Street N. S. - | 84 | 36 | 18 | 12 | 4 | — | — | 34 | — | — | — | — | 3 14 0 | 0 8 8 | 4 2 8 |
| „ - - | Northgate Wes. S. - | 60 | 50 | 21 | 8 | — | — | — | 29 | — | — | — | — | 2 17 0 | Nil. | 2 17 0 |
| Cottingley - - | Town Hall B. S. - | 48 | 34 | 29 | — | — | — | — | 29 | 1 | — | — | — | 2 9 0 | Nil. | 2 9 0 |
| Cudworth - - | St. John's N. S. - | 54 | 30 | 12 | 5 | 2 | — | — | 19 | — | — | — | — | 1 8 0 | 0 4 4 | 1 12 4 |
| Dewsbury - - | Carlton Street Bd. S. | 220 | 186 | 74 | 15 | 4 | — | — | 93 | 4 | 1 | — | 1 | 7 6 0 | 1 19 3 | 9 5 3 |
| „ - - | School Street N. S. - | 220 | 160 | 55 | 10 | 2 | — | — | 67 | 6 | — | — | — | 5 1 0 | 0 4 4 | 5 5 4 |
| „ - - | Wellington Rd. Bd. S. | 90 | 60 | 29 | 5 | 3 | — | — | 37 | — | — | — | — | 3 8 0 | 0 6 6 | 3 14 6 |
| Dodworth - - | Wes. S. - - - | 100 | 56 | 31 | 3 | 2 | — | — | 36 | 1 | 1 | — | — | 3 3 0 | 0 4 4 | 3 7 4 |
| Doncaster - - | G. N. Railway S. - | 185 | 159 | 91 | 21 | 17 | 4 | 2 | 135 | — | — | — | — | 11 14 0 | 2 18 3 | 14 12 3 |
| „ - - | Oxford Place Wes. S. | 250 | 180 | 96 | 22 | 5 | — | — | 123 | 8 | 2 | — | 2 | 9 15 0 | 0 10 6 | 10 5 6 |
| „ - - | St. George's N. S. - | 150 | 103 | 49 | 9 | — | — | — | 58 | — | — | — | — | 4 7 0 | Nil. | 4 7 0 |
| „ - - | Wood Street B. S. - | 500 | 403 | 194 | 39 | 33 | 2 | 2 | 270 | 26 | 15 | 2 | 17 | 30 11 0 | 5 10 7 | 36 1 7 |
| „ - - | Yorks Deaf and Dumb Inst. | 90 | 71 | 48 | 3 | 1 | 1 | — | 53 | 3 | — | — | — | 4 2 0 | 0 2 0 | 4 4 0 |
| Driffield, Great - | Bd. S. - - - | 110 | 77 | 29 | 39 | 7 | — | — | 75 | — | — | — | — | 7 8 0 | 0 15 0 | 8 3 0 |

## Instruction in Drawing in Elementary Day Schools—*continued.*

| Town. | Name of School. | Total No. of Children taught Drawing. | No. examined in 1st and 2nd Grades. | No. satisfactorily taught, 1st Grade. | No. showing proficiency, 1st Grade. | No. who excelled and obtained Prizes, 1st Grade. | No. of Children who passed in 2nd Grade. | No. of Children who obtained Prizes in 2nd Grade. | No. of Children on whom Payments were made. | No. of Pupil-teachers and paid Monitors examined. | No. of Pupil-teachers and paid Monitors passed. | No. of Pupil-teachers and paid Monitors who obtained Prizes. | No. of Pupil-teachers and paid Monitors on whom Payments were made. | Amount of Payments made to the School on account of Drawing. | Cost of Prizes and Examples. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | £ s. d. | £ s. d. | £ s. d. |
| Driffield, Great | Cross Hill N. S. | 100 | 65 | 41 | 5 | 1 | — | — | 47 | — | — | — | — | 3 14 0 | 0 2 2 | 3 16 2 |
| Ecclesall | N. S. | 171 | 43 | 30 | 9 | 1 | — | — | 40 | 1 | — | — | — | 3 11 0 | 0 2 2 | 3 13 2 |
| Ecclesfield | Feoffees S. | 130 | 44 | 27 | — | — | — | — | 27 | — | — | — | — | 2 7 0 | Nil. | 2 7 0 |
| Eccleshill | N. S. | 160 | 80 | 15 | — | — | — | — | 15 | 3 | — | — | — | 0 15 0 | Nil. | 0 15 0 |
| Farnley | Iron Co's. S. | 90 | 74 | 34 | 20 | 8 | — | — | 62 | — | — | — | — | 5 18 0 | 0 17 4 | 6 15 4 |
| Farsley | Black Lane Bd. S. | 180 | 80 | 31 | 6 | 3 | — | — | 40 | — | — | — | — | 3 12 0 | 0 6 6 | 3 18 6 |
| „ | St. John's N. S. | 70 | 43 | 26 | 10 | 2 | — | — | 38 | — | — | — | — | 3 12 0 | 0 4 4 | 3 16 4 |
| Filey | Ch. of E. S. | 66 | 40 | 14 | 2 | 1 | — | — | 17 | 2 | — | — | — | 1 1 0 | 0 2 2 | 1 3 2 |
| Garforth | Par. S. | 135 | 93 | 36 | 3 | — | — | — | 39 | 2 | 2 | — | — | 3 2 0 | Nil. | 3 2 0 |
| Gargrave | Wes. S. | 45 | 35 | 11 | 1 | — | — | — | 12 | 1 | 1 | — | — | 0 13 0 | Nil. | 0 13 0 |
| Gawber | N. S. | 162 | 59 | 22 | 2 | — | — | — | 24 | — | — | — | — | 2 6 0 | Nil. | 2 6 0 |
| Gildersome | Bd. S. | 50 | 25 | 11 | 7 | 2 | — | — | 20 | 2 | — | — | — | 2 11 0 | 0 4 4 | 2 15 4 |
| Gomersal | Mech. Inst. S. | 170 | 25 | 17 | 1 | 1 | — | — | 19 | 6 | 1 | — | 1 | 2 12 0 | 0 2 2 | 2 14 2 |
| Goole | North Street Wes. S. | 60 | 46 | 31 | 2 | 2 | — | — | 35 | 2 | 2 | — | — | 3 1 0 | 0 4 4 | 3 5 4 |
| Grosmont | N. S. | 40 | 25 | 16 | 2 | — | — | — | 18 | 1 | 1 | — | 1 | 1 10 0 | Nil. | 1 10 0 |
| Guiseley | Wes. S. | 220 | 69 | 47 | 10 | — | — | — | 57 | — | — | — | — | 4 7 0 | Nil. | 4 7 0 |
| Halifax | Gt. Albion Street B. S. | 303 | 244 | 170 | 23 | 7 | — | — | 200 | 7 | 4 | — | 4 | 14 17 0 | 0 15 9 | 15 12 9 |
| „ | Booth Town Bd. S. | 100 | 72 | 65 | 3 | 3 | — | — | 71 | 8 | — | — | — | 5 3 0 | 0 8 8 | 5 11 8 |
| „ | Crossley Orphan Home S. | 248 | 244 | 89 | 61 | 25 | 6 | 6 | 187 | 2 | 2 | — | 2 | 19 6 0 | 5 16 2 | 25 2 2 |
| „ | Haley Hill Ch. of E. S. | 385 | 199 | 118 | 57 | 7 | — | — | 182 | 3 | — | — | — | 13 13 0 | 0 15 2 | 14 8 2 |
| „ | Orange Street Wes. S. | 60 | 58 | 28 | 8 | 2 | — | — | 38 | 2 | — | — | — | 3 10 0 | 0 4 6 | 3 14 6 |
| „ | Par. Ch. S. | 162 | 149 | 118 | 25 | 1 | — | — | 144 | 2 | — | — | — | 9 11 0 | 0 2 2 | 9 13 2 |
| „ | St. Paul's S. | 120 | 82 | 59 | 6 | — | — | — | 65 | — | — | — | — | 4 11 0 | Nil. | 4 11 0 |
| „ | Trinity N. S. | 74 | 64 | 37 | 17 | 1 | — | — | 55 | — | — | — | — | 4 14 0 | 0 2 2 | 4 16 2 |
| Handsworth | N. S. | 98 | 57 | 30 | 3 | — | — | — | 33 | 3 | 1 | — | 1 | 3 6 0 | Nil. | 3 6 0 |
| „ | Woodhouse Wes. S. | 90 | 97 | 20 | 7 | 3 | — | — | 30 | 2 | 1 | — | 1 | 4 3 0 | 0 6 6 | 4 9 6 |
| Harewood | Ch. S. | 110 | 90 | 60 | 22 | 2 | — | — | 84 | 2 | — | — | — | 6 10 0 | 0 4 0 | 6 14 0 |
| Harrogate | Beckwithshaw Unsectarian S. | 36 | 24 | 6 | 2 | — | — | — | 8 | — | — | — | — | 0 10 0 | Nil. | 0 10 0 |
| „ High | Christ Ch. S. | 76 | 67 | 29 | 4 | 1 | — | — | 29 | 2 | 1 | 1 | — | 2 13 | 0 9 1 | 3 2 1 |

| | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Headingley - - | Town N. S. - - | 150 | 118 | 65 | 15 | 4 | — | 1 | 85 | 3 | — | 3 | 3 | 8 | 2 | 0 | 2 | 9 | 6 | 10 | 11 | 6 |
| Heckmondwike - | Batty Street Bd. S. - | 95 | 74 | 52 | 10 | 4 | — | — | 66 | 9 | 2 | — | 2 | 6 | 4 | 0 | 6 | 9 | 7 | 12 | 13 | 7 |
| " - | High Street Upper Bd. S. | 133 | 94 | 54 | 17 | 2 | — | — | 73 | 5 | 2 | — | 2 | 6 | 14 | 0 | 0 | 4 | 2 | 6 | 18 | 2 |
| Hecley - - | Wes. S. - - | 174 | 152 | 55 | 40 | 10 | — | — | 105 | 3 | 2 | — | 2 | 10 | 5 | 0 | 1 | 1 | 6 | 11 | 6 | 6 |
| Hepworth - - | Ch. of E. S. - - | 29 | 22 | 13 | 2 | 3 | — | — | 18 | — | — | — | — | 1 | 6 | 0 | 0 | 6 | 6 | 1 | 12 | 6 |
| Holme-on-Spalding Moor. | Bd. S. - - - | 60 | 46 | 29 | 4 | — | — | — | 33 | — | — | — | — | 2 | 17 | 0 | Nil. | | | 2 | 17 | 0 |
| Holmfirth - - | St. John's S. - - | 64 | 52 | 34 | 4 | 1 | — | — | 39 | — | — | — | — | 3 | 5 | 0 | 0 | 2 | 2 | 3 | 7 | 2 |
| " - - | Wes. S. - - | 120 | 98 | 54 | 8 | 2 | — | — | 64 | 4 | 2 | — | — | 6 | 6 | 9 | 0 | 4 | 4 | 6 | 10 | 4 |
| Honley - - | Boys' N. S. - - | 120 | 99 | 61 | 11 | 3 | — | — | 75 | — | — | — | — | 5 | 12 | 0 | 0 | 6 | 6 | 5 | 18 | 6 |
| Horbury - - | Wes. S. - - | 65 | 45 | 26 | 6 | — | — | — | 32 | 1 | — | — | — | 2 | 18 | 0 | Nil. | | | 2 | 18 | 0 |
| Horsforth - - | Wes. S. - - | 150 | 103 | 41 | 6 | 5 | — | — | 52 | — | — | — | — | 4 | 8 | 0 | 0 | 10 | 7 | 4 | 18 | 7 |
| Horton, Great - | High Street Wes. S. - | 180 | 161 | 67 | 21 | 4 | — | — | 92 | 2 | — | 2 | 2 | 8 | 1 | 0 | 1 | 5 | 9 | 9 | 6 | 9 |
| " - | Southfield Lane N. S. | 120 | 77 | 41 | 27 | 5 | — | — | 73 | — | — | — | — | 6 | 10 | 0 | 0 | 10 | 8 | 7 | 0 | 8 |
| Howden - - | N. S. - - - | 143 | 116 | 62 | 6 | 1 | — | — | 69 | — | — | — | — | 4 | 17 | 0 | 1 | 10 | 10 | 6 | 7 | 10 |
| Huddersfield - | Bd. S., Almondbury - | 50 | 45 | 30 | 3 | 2 | — | — | 35 | — | — | — | — | 3 | 2 | 0 | 0 | 4 | 4 | 3 | 6 | 4 |
| " - | " Beaumont St. - | 100 | 77 | 54 | 9 | 3 | — | — | 66 | — | — | — | — | 5 | 1 | 0 | 0 | 6 | 6 | 5 | 7 | 6 |
| " - | " Croslaud Moor | 110 | 73 | 42 | 6 | — | — | — | 48 | 2 | 1 | — | — | 3 | 14 | 0 | Nil. | | | 3 | 14 | 0 |
| " - | " Hillhouse - | 70 | 60 | 42 | 15 | 3 | — | — | 60 | 1 | — | — | — | 5 | 1 | 0 | 0 | 6 | 6 | 5 | 7 | 6 |
| " - | " Lockwood - | 83 | 68 | 49 | 12 | 1 | — | — | 62 | 3 | 1 | — | — | 4 | 16 | 0 | 0 | 2 | 2 | 4 | 18 | 2 |
| " - | " Moldgreen (Boys'). | 60 | 50 | 40 | 8 | — | — | — | 48 | 4 | 3 | — | 3 | 3 | 16 | 0 | Nil. | | | 3 | 16 | 0 |
| " - | Moldgreen (Girls'). | 30 | 25 | 16 | 6 | — | — | — | 22 | — | — | — | — | 2 | 8 | 0 | Nil. | | | 2 | 8 | 0 |
| " - | " Outcote Bank (Boys'). | 80 | 81 | 48 | 6 | 2 | — | — | 56 | — | — | — | — | 4 | 6 | 0 | 0 | 4 | 2 | 4 | 10 | 2 |
| " - | " Outcote Bank (Girls'). | 30 | 29 | 18 | 7 | 3 | — | — | 28 | — | — | — | — | 3 | 1 | 0 | 0 | 6 | 6 | 3 | 7 | 6 |
| " - | Denby N. S. - - | 70 | 45 | 27 | 3 | — | — | — | 30 | 3 | — | — | — | 2 | 13 | 0 | Nil. | | | 2 | 13 | 0 |
| " - | Lepton N. S - - | 54 | 37 | 24 | 1 | — | — | — | 25 | 2 | — | — | — | 2 | 6 | 0 | Nil. | | | 2 | 6 | 0 |
| " - | St. John's N. S. - | 60 | 46 | 28 | 6 | 2 | — | — | 36 | — | — | — | — | 3 | 6 | 0 | 0 | 4 | 6 | 3 | 10 | 6 |
| " - | St. Paul's N. S. - | 283 | 127 | 52 | 13 | 1 | — | 1 | 67 | 9 | 2 | — | 2 | 6 | 6 | 0 | 0 | 12 | 8 | 6 | 18 | 8 |
| " - | St. Peter's N. S. - | 192 | 49 | 29 | 13 | — | — | — | 42 | — | — | — | — | 3 | 15 | 0 | Nil. | | | 3 | 15 | 0 |
| Hull - - - | Albion Congl. S. - | 127 | 89 | 64 | 17 | — | — | — | 81 | 3 | 1 | — | — | 5 | 18 | 0 | Nil. | | | 5 | 18 | 0 |
| " - - - | Beverley Rd. Wes. S. - | 220 | 181 | 97 | 61 | 7 | — | — | 156 | — | — | — | — | 12 | 6 | 0 | 0 | 14 | 11 | 13 | 0 | 11 |
| " - - - | Bd. S., Courtney Street (Boys'). | 250 | 190 | 87 | 12 | 2 | — | — | 101 | — | — | — | — | 6 | 17 | 0 | 0 | 4 | 2 | 7 | 1 | 2 |
| " - - - | " Courtney Street (Girls'). | 50 | 36 | 21 | 14 | 1 | — | — | 36 | — | — | — | — | 3 | 12 | 0 | 0 | 2 | 2 | 3 | 14 | 2 |
| " - - - | " Daltry Street (Girls'). | 70 | 24 | 16 | 2 | — | — | — | 18 | — | — | — | — | 1 | 0 | 0 | Nil. | | | 1 | 0 | 0 |
| " - - - | " Dansom Lane - | 44 | 48 | 31 | 8 | — | — | — | 39 | 4 | — | — | — | 3 | 7 | 0 | Nil. | | | 3 | 7 | 0 |
| " - - - | " Lincoln Street (Boys'). | 250 | 139 | 103 | 20 | 2 | — | — | 125 | 4 | 1 | — | 1 | 8 | 19 | 0 | 0 | 4 | 4 | 9 | 3 | 4 |
| " - - - | " Raikes Street - | 21 | 11 | 8 | 2 | — | — | — | 10 | 3 | — | — | — | 0 | 12 | 0 | Nil. | | | 0 | 12 | 0 |

Appendix C.

DRAWING IN ELEMENTARY DAY SCHOOLS.

## Instruction in Drawing in Elementary Day Schools—*continued.*

| Town. | Name of School. | Total No. of Children taught Drawing. | No. examined in 1st and 2nd Grades. | No. satisfactorily taught, 1st Grade. | No. showing proficiency, 1st Grade. | No. who excelled and obtained Prizes, 1st Grade. | No. of Children who passed in 2nd Grade. | No. of Children who obtained Prizes in 2nd Grade. | No. of Children on whom Payments were made. | No. of Pupil-teachers and paid Monitors examined. | No. of Pupil-teachers and paid Monitors passed. | No. of Pupil-teachers and paid Monitors who obtained Prizes. | No. of Pupil-teachers and paid Monitors on whom Payments were made. | Amount of Payments made to the School on account of Drawing. | Cost of Prizes and Examples. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | £ s. d. | £ s. d. | £ s. d. |
| Hull - - | Bd. S., Wawne Street (Boys'). | 170 | 149 | 69 | 14 | 5 | — | — | 88 | — | — | — | — | 6 12 0 | 0 10 5 | 7 2 5 |
| „ - - | „ Wawne Street (Girls'). | 83 | 35 | 39 | 2 | — | — | — | 41 | — | — | — | — | 3 3 0 | Nil. | 3 3 0 |
| „ - - | „ Williamson St. | 40 | 30 | 24 | — | 1 | — | — | 25 | — | — | — | — | 2 7 0 | 0 2 2 | 2 9 2 |
| „ - - | Day Street B. S. | 250 | 140 | 91 | 18 | 8 | — | — | 117 | — | 3 | — | — | 11 1 0 | 0 17 5 | 11 18 5 |
| „ - - | Fish Street Congl. S. | 78 | 66 | 28 | 13 | 3 | — | — | 44 | — | — | — | — | 4 3 0 | 0 6 6 | 4 9 6 |
| „ - - | Sailors' Orphan S., Park Street. | 200 | 179 | 100 | 30 | 6 | 1 | — | 137 | 2 | 2 | — | — | 10 3 0 | 1 3 8 | 11 6 8 |
| „ - - | St. Mary's N. S. | 36 | 26 | 23 | 1 | 1 | — | — | 23 | — | — | — | — | 2 10 0 | 0 2 2 | 2 12 2 |
| „ - - | St. Paul's N. S. | 130 | 95 | 65 | 13 | 5 | — | — | 83 | 4 | 2 | — | 2 | 7 6 0 | 0 10 8 | 7 16 8 |
| „ - - | St. Stephen's Boys' S. | 320 | 160 | 110 | 41 | 3 | — | — | 154 | 5 | — | — | — | 11 1 0 | 0 6 6 | 11 7 6 |
| „ - - | Soulcoates Par. S. | 120 | 78 | 49 | 6 | — | — | — | 55 | 7 | 1 | — | 1 | 4 11 0 | Nil. | 4 11 0 |
| „ - - | Seamen's Orphan S., Spring Bank. | 100 | 78 | 52 | 17 | 6 | — | — | 75 | 3 | 1 | 1 | 2 | 7 4 0 | 4 4 10 | 11 8 10 |
| „ - - | South Myton Boys' Wes. S. | 450 | 406 | 253 | 63 | 43 | — | — | 359 | 13 | 4 | 1 | 5 | 28 18 0 | 5 3 1 | 34 1 1 |
| „ - - | South Myton Girls' Wes. S. | 170 | 134 | 57 | 20 | 1 | — | — | 78 | — | — | — | — | 6 0 0 | 0 2 2 | 6 2 2 |
| Hunmanby - | Trippett Boys' S. | 55 | 50 | 18 | 4 | 1 | — | — | — | — | — | — | — | Nil. | 0 2 2 | 0 2 2 |
| Par. S. - | | 35 | 30 | 12 | 14 | 4 | — | — | 30 | — | — | — | — | 3 12 0 | 0 8 10 | 4 0 10 |
| Idle - - | Faitia Wes. S. - | 150 | 86 | 40 | 5 | 3 | — | — | 49 | 1 | — | — | — | 3 19 0 | 0 6 8 | 4 5 8 |
| „ - - | Upper Chapel Independent S. | 96 | 66 | 25 | 4 | 3 | — | — | 32 | 2 | 1 | — | 1 | 4 12 0 | 0 6 4 | 4 18 4 |
| Ingleton - - | N. S. - | 46 | 36 | 12 | — | — | — | — | 12 | 2 | — | — | — | 0 12 0 | Nil. | 0 12 0 |
| Keighley - - | Blind Lane N. S. - | 320 | 295 | 199 | 32 | 10 | — | — | 241 | 8 | 1 | 1 | — | 16 3 0 | 1 1 4 | 17 4 4 |
| „ - - | Drake and Tonson's S. | 65 | 27 | 12 | 15 | — | — | — | — | — | — | — | — | Nil. | Nil. | Nil. |
| „ - - | S. of Art. - | 115 | 118 | 41 | 38 | 10 | — | — | 89 | — | — | — | — | 8 7 0 | 1 2 3 | 9 9 3 |
| „ - - | Temple St. Wes. S. - | 233 | 235 | 125 | 24 | 9 | — | — | 163 | 8 | 2 | 1 | 3 | 13 10 0 | 1 9 6 | 14 19 6 |
| Kexby - - | N. S. - | 30 | 25 | 11 | — | — | — | — | 11 | — | — | — | — | 0 11 0 | Nil. | 0 11 0 |
| Kirkburton - | Wes. S. - | 90 | 41 | 21 | 11 | 4 | — | — | 36 | 3 | 1 | — | — | 3 15 0 | 0 8 8 | 4 3 8 |

| | S. | | 33 | 25 | 16 | 6 | 3 | — | — | 25 | — | — | — | 2 17 0 | 0 6 6 | 3 3 6 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kirkby-in-Malhamdale. | | | | | | | | | | | | | | | | |
| Kirkby Wiske | Ch. of E. S. | - | 30 | 16 | 13 | 3 | — | — | — | 16 | 1 | — | — | 0 19 0 | Nil. | 0 19 0 |
| Kirkstall | St. Stephen's S. | - | 210 | 124 | 73 | 14 | 5 | — | — | 92 | 4 | — | — | 6 16 0 | 0 10 11 | 7 6 11 |
| Knaresborough | N. S. | - | 60 | 29 | 21 | 6 | 1 | — | — | 9 | 3 | — | — | 1 14 0 | Nil. | 1 14 0 |
| Knottingley | Wes. S. | - | 105 | 89 | 35 | 12 | 2 | — | — | 49 | 1 | 1 | — | 5 5 0 | 0 4 4 | 5 9 4 |
| Leeds | Basinghall Street S. | - | 70 | 57 | 38 | 8 | 1 | — | — | 47 | — | — | — | 3 17 0 | 0 2 2 | 3 19 2 |
| ,, | Beeston Hill Congregational S. | | 190 | 159 | 78 | 29 | 11 | 1 | — | 119 | 4 | — | — | 9 14 0 | 1 3 3 | 10 17 3 |
| ,, | Bd. S., Alfred Cross Street. | - | 58 | 22 | 4 | 1 | — | — | — | 27 | 1 | 1 | — | 3 3 0 | 0 2 2 | 3 5 2 |
| ,, | Armley, Theaker Lane. | - | 49 | 23 | 8 | — | — | — | — | 31 | 4 | — | — | 2 19 0 | Nil. | 2 19 0 |
| ,, | Armley, Wesley Road. | - | 149 | 99 | 37 | — | — | — | — | 136 | 3 | 1 | — | 9 13 0 | Nil. | 9 13 0 |
| ,, | Beeston | - | 33 | 22 | 7 | 3 | — | — | — | 32 | 7 | — | — | 3 5 0 | 0 6 6 | 3 11 6 |
| ,, | Bewerley St. (Boys'). | - | 114 | 68 | 11 | 2 | — | — | — | 81 | — | — | — | 5 16 0 | 0 4 4 | 6 0 4 |
| ,, | Bewerley St. (Girls'). | - | 100 | 74 | 18 | 1 | — | — | — | 93 | — | — | — | 6 13 0 | 0 2 2 | 6 15 2 |
| ,, | Bramley | - | 116 | 58 | 21 | 5 | — | — | — | 84 | 7 | 6 | — | 9 15 0 | 0 10 6 | 10 5 6 |
| ,, | Burley Road (Boys'). | - | 46 | 28 | 10 | 3 | — | — | — | 41 | — | — | — | 3 17 0 | 0 6 9 | 4 3 9 |
| ,, | Burley Road (Girls'). | - | 20 | 14 | — | — | — | — | — | 14 | — | — | — | 0 14 0 | Nil. | 0 14 0 |
| ,, | Camp Field | - | 6 | 2 | 4 | — | — | — | — | 6 | — | — | — | 0 10 0 | Nil. | 0 10 0 |
| ,, | Carlton Hill (Boys'). | - | 103 | 56 | 14 | 7 | — | — | — | 77 | — | — | — | 6 5 0 | 0 15 2 | 7 0 2 |
| ,, | Carlton Hill (Girls'). | - | 57 | 38 | 2 | — | — | — | — | 40 | — | — | — | 3 2 0 | Nil. | 3 2 0 |
| ,, | Carolinc St. | - | 28 | 22 | 1 | 2 | — | — | — | 25 | — | — | — | 2 10 0 | 0 4 4 | 2 14 4 |
| ,, | Chapel St. | - | 42 | 12 | — | — | — | — | — | 12 | — | — | — | 0 12 0 | Nil. | 0 12 0 |
| ,, | Chapeltown | - | 48 | 20 | 1 | — | — | — | — | 21 | 4 | — | — | 2 2 0 | Nil. | 2 3 0 |
| ,, | CrossStamford Street. | | 69 | 40 | 1 | 1 | — | — | — | 51 | 10 | 3 | — | 5 4 0 | 0 2 0 | 5 6 0 |
| ,, | East Street | - | 73 | 47 | 9 | — | — | — | — | 56 | — | — | — | 4 5 0 | Nil. | 4 5 0 |
| ,, | Green Lane (Boys'). | - | 58 | 36 | 15 | 4 | — | — | — | 55 | — | — | — | 4 18 0 | 0 8 10 | 5 6 10 |
| ,, | Green Lane (Girls'). | - | 34 | 23 | — | — | — | — | — | 23 | — | — | — | 2 3 0 | Nil. | 2 3 0 |
| ,, | Green Lane (Junior). | - | 21 | 11 | 1 | — | — | — | — | 12 | — | — | — | 0 13 0 | Nil. | 0 13 0 |
| ,, | Hunslet Carr | - | 24 | 12 | 8 | 2 | — | — | — | 22 | 4 | — | — | 2 14 0 | 0 4 4 | 2 18 4 |
| ,, | Jack Lane | - | 83 | 53 | 21 | — | — | — | — | 74 | — | — | — | 5 15 0 | Nil. | 5 15 0 |
| ,, | Kirkstall (Boys'). | - | 29 | 21 | 2 | — | — | — | — | 23 | 2 | 1 | — | 2 15 0 | Nil. | 2 15 0 |

## Instruction in Drawing in Elementary Day Schools—*continued.*

| Town. | Name of School. | Total No. of Children under Instruction. | No. examined in 1st and 2nd Grades. | No. satisfactorily taught, 1st Grade. | No. showing proficiency, 1st Grade. | No. who excelled and obtained Prizes, 1st Grade. | No. of Children who passed in 2nd Grade. | No. of Children who obtained Prizes in 2nd Grade. | No. of Children on whom Payments were made. | No. of Pupil-teachers and paid Monitors examined. | No. of Pupil-teachers and paid Monitors passed. | No. of Pupil-teachers and paid Monitors who obtained Prizes. | No. of Pupil-teachers and paid Monitors on whom Payments were made. | Amount of Payments made to the School on account of Drawing. | Cost of Prizes and Examples. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | £ s. d. | £ s. d. | £ s. d. |
| Leeds - | Bd. S., Kirkstall (Girls'). | 37 | 37 | 25 | 6 | — | — | — | 31 | — | — | — | — | 2 17 0 | Nil. | 2 17 0 |
| " - | " Mann's Field - | 21 | 21 | 12 | 2 | — | — | — | 14 | — | — | — | — | 0 16 0 | Nil. | 0 16 0 |
| " - | " Meadow Lane - | 7 | 7 | — | — | — | — | — | — | — | — | — | — | Nil. | Nil. | Nil. |
| " - | " Mill Street - | 42 | 42 | 30 | 3 | 2 | — | — | 35 | — | — | — | — | 3 2 0 | 0 4 4 | 3 6 4 |
| " - | " Nether Green | 55 | 55 | 22 | 6 | 2 | — | — | 30 | — | — | — | — | 3 0 0 | 0 4 4 | 3 4 4 |
| " - | " Oak Road - | 87 | 87 | 33 | 19 | 3 | — | — | 80 | — | — | — | — | 6 5 0 | 0 6 3 | 6 11 3 |
| " - | " Primrose Hill (Boys'). | 155 | 155 | 93 | 19 | 3 | — | — | 115 | — | — | — | — | 8 0 0 | 0 6 6 | 8 6 6 |
| " - | " Primrose Hill (Girls'). | 68 | 68 | 30 | 1 | — | — | — | 31 | — | — | — | — | 2 12 0 | Nil. | 2 12 0 |
| " - | " Princes Field - | 80 | 80 | 50 | 1 | — | — | — | 51 | 8 | 1 | — | 1 | 4 12 0 | Nil. | 4 12 0 |
| " - | " Rodley - | 29 | 29 | 18 | 1 | — | — | — | 19 | 2 | — | — | — | 1 0 0 | Nil. | 1 0 0 |
| " - | " St. Peter's St. | 56 | 56 | 29 | 10 | — | — | — | 39 | — | — | — | — | 3 9 0 | Nil. | 3 9 0 |
| " - | " School Street (Boys'). | 24 | 24 | 13 | — | — | — | — | 13 | — | — | — | — | 0 13 0 | Nil. | 0 13 0 |
| " - | " School Street (Girls'). | 13 | 13 | 10 | 1 | — | — | — | 10 | — | — | — | — | 0 10 0 | Nil. | 0 10 0 |
| " - | " Accommodation Road. | 30 | 30 | 24 | 1 | — | — | — | 25 | — | — | — | — | 2 6 0 | Nil. | 2 6 0 |
| " - | " Stanningley - | 35 | 35 | 24 | 2 | — | — | — | 26 | — | — | — | — | 2 8 0 | Nil. | 2 8 0 |
| " - | " Wilson St. - | 10 | 10 | 6 | — | — | — | — | 6 | 1 | — | — | — | 0 6 0 | Nil. | 0 6 0 |
| " - | " Wintoun St. - | 54 | 54 | 35 | 2 | — | — | — | 37 | — | — | — | — | 2 19 0 | Nil. | 2 19 0 |
| " - | " Woodhouse Street. | 15 | 15 | 8 | 3 | 1 | — | — | 12 | — | — | — | — | 0 17 0 | 0 2 2 | 0 19 2 |
| " - | " Woodsley Rd. | 16 | 16 | 6 | 2 | 1 | — | — | 9 | — | — | — | — | 0 13 0 | 0 2 3 | 0 15 3 |
| " - | " Wortley (Upper). | 21 | 21 | 5 | 5 | — | — | — | 10 | — | — | — | — | 0 15 0 | Nil. | 0 15 0 |
| " - | " York Road - | 70 | 70 | 46 | 12 | 3 | — | — | 61 | — | — | — | — | 4 19 0 | 0 6 7 | 5 5 7 |
| " - | " Zion (Boys') - | 46 | 46 | 34 | 8 | 2 | — | — | 44 | 3 | 1 | — | 1 | 4 6 0 | 0 4 4 | 4 10 4 |
| " - | " Zion (Girls') - | 12 | 12 | 9 | 3 | — | — | — | 12 | — | — | — | — | 0 15 0 | Nil. | 0 15 0 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ,, | Buslingthorpe N. S. | 311 | 245 | 52 | 1 | — | — | — | 53 | 1 | — | — | — | 3 14 0 | Nil. | 3 14 0 |
| ,, | Darley Street Wes. S. | 245 | 139 | 96 | 34 | 4 | — | — | 134 | 11 | 1 | — | 1 | 10 6 0 | 0 8 7 | 10 14 7 |
| ,, | Holbeck, Isles Lane, Wes. S. | 230 | 201 | 109 | 40 | 22 | — | — | 171 | — | — | — | — | 13 15 0 | 2 9 2 | 16 4 2 |
| ,, | ,, Marshall's Factory S. | 282 | 231 | 122 | 31 | 6 | — | — | 159 | 18 | | — | 8 | 17 2 0 | 0 13 5 | 17 15 5 |
| ,, | ,, St. Barnabas' S. | 70 | 48 | 14 | 1 | — | — | — | 15 | 1 | — | — | — | 0 16 0 | Nil. | 0 16 0 |
| ,, | ,, St. Matthew's N. S. | 95 | 60 | 29 | 6 | 3 | — | — | 38 | 1 | — | — | — | 3 10 0 | 0 6 6 | 3 16 6 |
| ,, | Hunslet, St. Jude's N.S. | 98 | 101 | 44 | 9 | 7 | — | — | 60 | 5 | 1 | — | 1 | 6 3 0 | 0 15 2 | 6 18 2 |
| ,, | ,, St. Mary's N.S. | 170 | 123 | 49 | 7 | 1 | — | — | 57 | 3 | 3 | — | 3 | 6 6 0 | 0 2 0 | 6 8 0 |
| ,, | ,, St. Peter's N. S. | 250 | 121 | 76 | 17 | 1 | — | — | 94 | 8 | 1 | — | 1 | 7 3 0 | 0 2 2 | 7 5 2 |
| ,, | ,, St. Silas' S. | 66 | 52 | 21 | 3 | — | — | — | 24 | 4 | 1 | — | — | 2 7 0 | Nil. | 2 7 0 |
| ,, | New Wortley Par. Boys S. | 164 | 151 | 79 | 23 | 1 | — | — | 103 | 1 | 1 | — | 1 | 7 18 0 | 0 2 0 | 8 0 0 |
| ,, | New Wortley Par. Girls' S. | 35 | 30 | 18 | 2 | — | — | — | 20 | — | — | — | — | 1 2 0 | Nil. | 1 2 0 |
| ,, | Oxford Place Wes. S. | 250 | 104 | 70 | 16 | 11 | — | — | 97 | 7 | 1 | — | 1 | 8 5 0 | 1 3 8 | 9 8 8 |
| ,, | Pottery Field Wes. S. | 180 | 130 | 75 | 22 | 6 | — | — | 103 | — | — | — | — | 7 17 0 | 0 13 0 | 8 10 0 |
| ,, | Quarry Hill, St. Mary's N. S. | 150 | 127 | 44 | 8 | 2 | — | — | 54 | — | — | — | — | 4 6 0 | 0 4 4 | 4 10 4 |
| ,, | Richmond Hill Wes. S. | 140 | 109 | 68 | 17 | 3 | 2 | — | 90 | 5 | 2 | — | 2 | 8 1 0 | 0 6 4 | 8 7 4 |
| ,, | St. Andrew's N. S. | 300 | 116 | 48 | 8 | 4 | — | 1 | 61 | 5 | 2 | — | 2 | 6 16 0 | 0 19 5 | 7 15 5 |
| ,, | St George's Boys' N. S. | 170 | 150 | 65 | 27 | 5 | — | — | 97 | 3 | 1 | — | 1 | 8 4 0 | 0 11 3 | 8 15 3 |
| ,, | ,, Girls' N. S. | 130 | 91 | 57 | 25 | 2 | — | — | 84 | 7 | — | — | — | 6 13 0 | 0 4 4 | 6 17 4 |
| ,, | St. John Baptist's S. | 140 | 119 | 43 | 12 | 2 | — | — | 57 | — | — | — | — | 4 13 0 | 0 4 4 | 4 17 4 |
| ,, | St. John Evangelist S. | 100 | 83 | 50 | 15 | 6 | — | — | 71 | 1 | — | — | — | 5 18 0 | 0 12 0 | 6 10 0 |
| ,, | St. Luke's N. S. | 160 | 136 | 78 | 13 | 2 | — | — | 93 | 2 | — | — | — | 6 10 0 | 0 4 6 | 6 14 6 |
| ,, | St. Mark's S. | 249 | 215 | 120 | 32 | 14 | — | — | 166 | 19 | 5 | 3 | 8 | 18 6 0 | 2 1 5 | 20 7 5 |
| ,, | St. Matthew's N. S. | 655 | 338 | 165 | 41 | 9 | — | — | 215 | — | — | — | — | 14 14 0 | 0 19 10 | 15 13 10 |
| ,, | St. Peter's N. S. | 520 | 305 | 167 | 47 | 4 | — | — | 218 | 20 | 5 | — | 5 | 17 13 0 | 0 8 9 | 18 1 9 |
| ,, | St. Philip's N. S. | 176 | 119 | 66 | 30 | 13 | — | — | 109 | 1 | — | — | — | 9 5 0 | 1 9 2 | 10 14 2 |
| ,, | St. Saviour's S. | 140 | 60 | 46 | 7 | — | — | — | 53 | — | — | — | — | 4 0 0 | Nil. | 4 0 0 |
| ,, | St. Simon's N. S. | 210 | 128 | 77 | 25 | 4 | — | — | 106 | 3 | — | — | — | 7 19 0 | 0 8 8 | 8 7 8 |
| ,, | St. Thomas' S. | 95 | 59 | 29 | 2 | — | — | — | 31 | — | — | — | — | 2 13 0 | Nil. | 2 13 0 |
| ,, | Salem Cong[l]. S. | 144 | 120 | 51 | 20 | 4 | — | — | 75 | 3 | — | — | — | 6 3 0 | 0 8 9 | 6 11 9 |
| Lees | Wes. S. | 98 | 77 | 50 | 11 | 3 | — | — | 64 | 3 | 1 | — | 1 | 5 11 0 | 0 6 4 | 5 17 4 |
| Lightcliffe | Bramley Lane B. S. | 60 | 70 | 22 | 4 | — | — | — | 26 | 1 | 1 | — | 1 | 3 10 0 | Nil. | 3 10 0 |
| ,, | N. S. | 35 | 30 | 14 | 4 | 1 | — | — | 19 | — | — | — | — | 1 5 0 | 0 2 2 | 1 7 2 |
| Linthwaite | Ch. S. | 85 | 53 | 20 | — | — | — | — | 20 | — | — | — | — | 2 0 0 | Nil. | 2 0 0 |
| Malton | Norton, Bower Mem[l]. S. | 41 | 29 | 17 | 1 | — | — | — | 18 | 2 | — | — | — | 0 19 0 | Nil. | 0 19 0 |
| ,, | Yorkersgate Wes. S. | 80 | 59 | 45 | 3 | — | — | — | 48 | 2 | 1 | — | 1 | 4 1 0 | Nil. | 4 1 0 |
| ,, New | St. Michaels' St. N. S. | 50 | 33 | 17 | 3 | 1 | — | — | 21 | — | — | — | — | 2 6 0 | 0 2 2 | 2 8 0 |
| Manningham | St. Paul's S. | 250 | 177 | 89 | 15 | 4 | — | — | 108 | — | — | — | — | 7 11 0 | 0 8 9 | 7 19 9 |
| Manston | Colliery and Ch. of E. S. | 63 | 60 | 49 | 7 | — | — | — | 56 | 2 | — | — | — | 4 3 0 | 2 3 10 | 6 6 10 |
| Market Weighton | N. S. | 91 | 65 | 45 | 4 | 1 | — | — | 50 | 2 | — | — | — | 3 16 0 | 0 2 2 | 3 18 2 |

## Instruction in Drawing in Elementary Day Schools—*continued.*

| Town. | Name of School. | Total No. of Children taught Drawing. | No. examined in 1st and 2nd Grades. | No. satisfactorily taught, 1st Grade. | No. showing proficiency, 1st Grade. | No. who excelled and obtained Prizes, 1st Grade. | No. of Children who passed in 2nd Grade. | No. of Children who obtained Prizes in 2nd Grade. | No. of Children on whom Payments were made. | No. of Pupil-teachers and paid Monitors examined. | No. of Pupil-teachers and paid Monitors passed. | No. of Pupil-teachers and paid Monitors who obtained Prizes. | No. of Pupil-teachers and paid Monitors on whom Payments were made. | Amount of Payments made to the School on account of Drawing. | Cost of Prizes and Examples. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | £ s. d. | £ s. d. | £ s. d. |
| Meanwood - - | Trinity N. S. - - | 70 | 64 | 37 | 24 | 1 | — | — | 62 | 3 | — | — | — | 5 8 0 | 2 19 1 | 8 7 1 |
| Meltham - - | Ch. S. - - - | 102 | 102 | 38 | 7 | 1 | — | — | 46 | — | — | — | — | 3 15 0 | 0 2 2 | 3 17 2 |
| ,, Mills - - | N. S. - - - | 220 | 189 | 148 | 24 | 7 | — | — | 179 | — | — | — | — | 11 17 0 | 0 14 10 | 12 11 10 |
| Middlesborough - | Bd. S., Denmark St. - | 170 | 192 | 92 | 27 | 17 | — | — | 136 | 4 | 2 | — | 2 | 11 17 0 | 1 17 0 | 13 14 0 |
| ,, - - | ,, Fleetham St., (Boys'. | 140 | 104 | 56 | 11 | 1 | — | — | 68 | 4 | 1 | — | 1 | 5 11 0 | 0 2 2 | 5 13 2 |
| ,, - - | ,, Fleetham St., Girls'. | 100 | 68 | 48 | 7 | 1 | — | — | 56 | 6 | — | — | — | 4 5 0 | 0 2 0 | 4 7 0 |
| ,, - - | ,, Lower East St. | 104 | 86 | 51 | 3 | 3 | — | — | 57 | 1 | — | — | — | 4 6 0 | 0 6 6 | 4 12 6 |
| ,, - - | ,, Stockton Street | 140 | 102 | 43 | 13 | 4 | — | — | 60 | 1 | — | — | — | 5 1 0 | 0 8 8 | 5 9 8 |
| ,, - - | Corporation Road Wes. S. | 250 | 219 | 127 | 21 | 3 | 1 | — | 152 | 7 | 1 | — | 1 | 10 13 0 | 0 6 5 | 10 19 5 |
| ,, - - | Lower Feversham St. B. S. | 70 | 70 | 35 | 4 | — | — | — | 39 | — | — | — | — | 3 3 0 | Nil. | 3 3 0 |
| ,, - - | St. Hilda's Ch. of E. S. | 450 | 364 | 181 | 66 | 13 | — | — | 260 | 13 | 2 | 1 | 3 | 21 2 0 | 1 17 7 | 22 19 7 |
| ,, - - | St. John Evangelist Boys' N. S. | 220 | 196 | 114 | 22 | 2 | — | — | 138 | 2 | — | — | — | 9 4 0 | 0 4 3 | 9 8 3 |
| ,, - - | St. John Evangelist Girls' S. | 200 | 166 | 91 | 7 | 1 | — | — | 99 | — | — | — | — | 6 8 0 | 0 2 0 | 6 10 0 |
| ,, - - | St. Paul's Boys' N. S. | 150 | 130 | 87 | 19 | 4 | — | — | 110 | — | — | — | — | 7 17 0 | 0 8 4 | 8 5 4 |
| ,, - - | ,, Girls' N. S. | 160 | 150 | 84 | 6 | 2 | — | — | 92 | 14 | 1 | — | 1 | 6 12 0 | 0 4 4 | 6 16 4 |
| ,, - - | Southend Boys' B. S. | 110 | 100 | 68 | 14 | — | — | — | 82 | 2 | — | — | — | 5 16 0 | Nil. | 5 16 0 |
| ,, - - | ,, Girls' B. S. | 90 | 73 | 51 | 10 | 1 | — | — | 62 | 6 | — | — | — | 3 14 0 | 0 2 2 | 3 16 2 |
| Mill Bridge - - | N. S. - - - | 140 | 136 | 76 | 9 | 3 | — | — | 88 | 4 | — | — | — | 6 3 0 | 0 6 9 | 6 9 9 |
| Mirfield - - | Battyeford N. S. - | 65 | 55 | 27 | 3 | 3 | — | — | 33 | 3 | 1 | — | 1 | 3 12 0 | 0 6 6 | 3 18 6 |
| ,, - - | N. S. - - - | 60 | 40 | 17 | — | — | — | — | 17 | — | — | — | — | 0 17 0 | Nil. | 0 17 0 |
| Mirfield - - | Wes. S. - - | 200 | 130 | 100 | 7 | 2 | — | — | 109 | — | — | — | — | 7 0 0 | 0 4 4 | 7 4 4 |
| Monk Bretton - | N. S. - - - | 121 | 60 | 30 | 2 | — | — | — | 32 | 2 | — | — | — | 2 14 0 | Nil. | 2 14 0 |
| Morley - - | Queen Street Wes. S. | 278 | 147 | 90 | 10 | 1 | — | — | 101 | 10 | 1 | 4 | 5 | 10 3 0 | 2 3 2 | 12 6 2 |
| ,, - - | St. Paul's N. S. - | 170 | 74 | 36 | 8 | 6 | — | — | 50 | 3 | — | — | — | 4 10 0 | 0 13 0 | 5 3 0 |
| ,, - - | St. Peter's N. S. - | 200 | 145 | 58 | 13 | 2 | — | — | 72 | — | — | — | — | 5 10 0 | 0 4 4 | 5 14 4 |

Appendix C.

DRAWING IN ELEMENTARY DAY SCHOOLS.

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Northallerton | Ch. S. | 64 | 62 | 50 | 9 | — | — | — | 59 | 3 | 1 | — | — | 4 8 0 | Nil. | 4 8 0 |
| Ormesby, North | Bd. S. | 250 | 151 | 97 | 5 | 4 | — | — | 106 | 4 | — | — | — | 6 19 0 | 0 8 8 | 7 7 8 |
| Ossett | Wesley Street Wes. S. | 210 | 106 | 40 | 11 | 2 | — | — | 53 | 1 | 1 | — | 1 | 5 8 0 | 0 4 4 | 5 12 4 |
| " South | Ch. of E. S. | 158 | 116 | 60 | 11 | 5 | — | — | 76 | 4 | — | — | — | 5 17 0 | 0 10 10 | 6 7 10 |
| Otley | Wes. S. | 200 | 99 | 30 | 2 | 5 | — | — | 37 | 2 | 1 | — | 1 | 3 19 0 | 0 11 1 | 4 10 1 |
| Parkgate | N. S. | 68 | 61 | 33 | 7 | 5 | — | — | 45 | 8 | 1 | — | 1 | 5 2 0 | 0 10 10 | 5 12 10 |
| " | United Meth. F. C. S. | 240 | 177 | 35 | 10 | 5 | — | — | 50 | 2 | 1 | — | — | 4 10 0 | 0 11 0 | 5 1 0 |
| Parson Cross | S. | 85 | 51 | 21 | 1 | — | — | — | 22 | — | — | — | — | 2 3 0 | Nil. | 2 3 0 |
| Pocklington | Wes. S. | 51 | 19 | 10 | 6 | 1 | — | — | 17 | 2 | 1 | — | 1 | 1 15 0 | 0 2 2 | 1 17 2 |
| Pontefract | Gillygate Wes. S. | 150 | 98 | 46 | 11 | 5 | — | — | 62 | 3 | — | — | — | 5 3 0 | 0 10 10 | 5 13 10 |
| " | Northgate N. S. | 110 | 62 | 35 | 8 | 2 | — | — | 45 | — | — | — | — | 3 17 0 | 0 4 4 | 4 1 4 |
| Redcar | Zetland S. | 75 | 52 | 22 | 5 | — | — | — | 27 | — | — | — | — | 2 12 0 | Nil. | 2 12 0 |
| Reeth | Friends' B. S. | 84 | 70 | 36 | 6 | 3 | 2 | — | 45 | 4 | — | — | — | 3 17 0 | 0 6 6 | 4 3 6 |
| Ripon | Coltsgate Hill Wes. S. | 45 | 32 | 16 | 7 | 3 | — | — | 26 | — | — | — | — | 2 19 0 | 0 6 0 | 3 5 0 |
| Ripponden | Wes. S. | 50 | 50 | 25 | 11 | 2 | — | — | 38 | — | — | — | — | 3 13 0 | 0 4 4 | 3 17 4 |
| Rotherham | Rawmarsh Rd. B. S. | 110 | 82 | 46 | 7 | 1 | — | — | 54 | 2 | — | — | — | 4 3 0 | 0 2 2 | 4 5 2 |
| " | Talbot Lane Wes. S. | 140 | 121 | 71 | 2 | — | — | — | 73 | 8 | 1 | 1 | 2 | 6 5 0 | 3 15 11 | 10 0 11 |
| Saltburn-by-Sea | B. S. | 50 | 45 | 26 | 6 | — | — | — | 32 | — | — | — | — | 2 18 0 | Nil. | 2 18 0 |
| Scarborough | All Saints' Boys' S. | 50 | 32 | 18 | 8 | 3 | — | — | 29 | 1 | — | — | — | 3 3 0 | 0 6 6 | 3 9 6 |
| " | Castle Road N. S. | 137 | 139 | 103 | 9 | 5 | — | — | 117 | — | — | — | — | 7 16 0 | 0 10 11 | 8 6 11 |
| " | Central Bd. S. | 124 | 64 | 39 | 19 | 3 | — | — | 61 | — | — | — | — | 5 6 0 | 0 6 8 | 5 12 8 |
| " | Queen Street Wes. S. | 95 | 68 | 31 | 6 | 1 | — | — | 38 | 3 | 1 | — | 1 | 3 16 0 | 0 2 0 | 3 18 0 |
| Seacroft | N. S. | 120 | 80 | 38 | 8 | 1 | — | — | 47 | 3 | — | — | — | 3 17 0 | 0 2 2 | 3 19 2 |
| Sedbergh | B. S. | 120 | 89 | 37 | 11 | 7 | 1 | — | 56 | 2 | 1 | 1 | 2 | 6 5 0 | 1 5 2 | 7 10 2 |
| Selby | Wes. S. | 83 | 52 | 28 | 6 | 7 | — | — | 41 | — | — | — | — | 4 1 0 | 0 15 2 | 4 16 2 |
| Sharlston | Colliery S. | 163 | 42 | 21 | 5 | 1 | — | — | 27 | — | — | — | — | 2 14 0 | 0 2 2 | 2 16 2 |
| Sheffield | All Saints' N. S. | 320 | 233 | 145 | 27 | 9 | — | — | 181 | 6 | 2 | — | 2 | 13 6 0 | 0 19 7 | 14 5 7 |
| " | Bd. S., Attercliffe | 190 | 80 | 54 | 14 | 2 | — | — | 70 | — | — | — | — | 5 8 0 | 0 4 4 | 5 12 4 |
| " | " Broomhill | 84 | 60 | 45 | 8 | 2 | — | — | 55 | 2 | 2 | — | 2 | 5 7 0 | 0 4 4 | 5 11 4 |
| " | " Carbrook | 160 | 94 | 77 | 23 | 1 | — | — | 101 | — | — | — | — | 6 6 0 | 0 2 2 | 6 8 2 |
| " | " Crookesmoor | 110 | 59 | 35 | 5 | 3 | — | — | 43 | — | — | — | — | 2 14 0 | 0 6 6 | 3 0 6 |
| " | " Lowfield | 230 | 92 | 67 | 9 | 1 | — | — | 77 | — | — | — | — | 5 8 0 | 0 2 2 | 5 10 2 |
| " | " Netherthorpe | 74 | 70 | 47 | 20 | 2 | — | — | 69 | 4 | 3 | — | 3 | 7 3 0 | 0 4 4 | 7 7 4 |
| " | " Newhall | 150 | 55 | 33 | 7 | — | — | — | 40 | — | — | — | — | 2 7 0 | Nil. | 2 7 0 |
| " | " Philadelphia | 140 | 75 | 43 | 9 | 2 | — | — | 54 | 3 | 2 | — | 2 | 4 7 0 | 0 4 4 | 4 11 4 |
| " | " Pyebank | 160 | 88 | 48 | 5 | — | — | — | 53 | — | — | — | — | 2 18 0 | Nil. | 2 18 0 |
| " | " Walkley | 160 | 54 | 32 | 14 | 2 | — | — | 48 | — | — | — | — | 3 6 0 | 0 4 4 | 3 10 4 |
| " | Brunswick Wes. S. | 320 | 177 | 127 | 26 | 2 | — | — | 155 | 6 | 1 | — | 1 | 10 15 0 | 0 4 4 | 10 19 4 |
| " | Crooke's End. S. | 151 | 57 | 38 | 12 | 6 | — | — | 56 | 5 | 2 | — | — | 5 0 0 | 0 13 0 | 5 13 0 |
| " | Darnall Ch. of E. S. | 100 | 63 | 48 | 13 | — | — | — | 61 | 2 | 1 | — | 1 | 5 4 0 | Nil. | 5 4 0 |
| " | Ebenezer Wes. S. | 80 | 62 | 48 | 6 | 1 | — | — | 55 | — | — | — | — | 4 3 0 | 0 2 2 | 4 5 2 |
| " | Ellesmere Rd. Wes. S. | 250 | 154 | 89 | 26 | 10 | — | — | 125 | 2 | — | — | — | 9 11 0 | 1 1 9 | 10 12 9 |
| " | High Green B. S. | 196 | 185 | 73 | 15 | 2 | — | — | 90 | 7 | 5 | — | 5 | 9 19 0 | 0 4 3 | 10 3 3 |
| " | Lancasterian S. | 120 | 107 | 63 | 18 | 7 | — | — | 88 | 2 | 1 | — | 1 | 7 10 0 | 0 15 2 | 8 5 2 |
| " | Park Wes. S. | 96 | 70 | 56 | 5 | 1 | — | — | 62 | — | — | — | — | 4 9 0 | 0 2 2 | 4 11 2 |
| " | Pitsmoor N. S. | 300 | 166 | 79 | 29 | 7 | 2 | 1 | 118 | 1 | 1 | — | 1 | 10 3 0 | 1 5 6 | 11 8 6 |

## Instruction in Drawing in Elementary Day Schools—*continued.*

| Town. | Name of School. | Total No. of Children taught Drawing. | No. examined in 1st and 2nd Grades. | No. satisfactorily taught, 1st Grade. | No. showing proficiency, 1st Grade. | No. who excelled and obtained Prizes, 1st Grade. | No. of Children who passed in 2nd Grade. | No. of Children who obtained Prizes in 2nd Grade. | No. of Children on whom Payments were made. | No. of Pupil-teachers and paid Monitors examined. | No. of Pupil-teachers and paid Monitors passed. | No. of Pupil-teachers and paid Monitors who obtained Prizes. | No. of Pupil-teachers and paid Monitors on whom Payments were made. | Amount of Payments made to the School on account of Drawing. | Cost of Prizes and Examples. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | £ s. d. | £ s. d. | £ s. d. |
| Sheffield | Red Hill Wes. S. | 150 | 137 | 36 | 10 | 6 | — | — | 52 | 2 | — | — | — | 4 14 0 | 0 13 0 | 5 7 0 |
| " | St. George's N. S. | 70 | 64 | 44 | 10 | 2 | — | — | 56 | — | — | — | — | 4 10 0 | 0 4 2 | 4 14 2 |
| " | St. John's N. S. | 245 | 114 | 65 | 8 | — | — | — | 73 | 9 | 2 | — | 2 | 6 1 0 | Nil. | 6 1 0 |
| " | St. Mary's, Cemetery Road S. | 300 | 186 | 77 | 19 | 9 | — | — | 105 | 4 | 3 | — | 3 | 10 2 0 | 0 19 6 | 11 1 6 |
| " | St. Mary's, Hermitage Street N. S. | 220 | 135 | 39 | 8 | 1 | — | — | 48 | — | — | — | — | 3 18 0 | 0 2 2 | 4 0 2 |
| " | St. Mary's, Walkley N. S. | 100 | 71 | 46 | 8 | 1 | — | — | 55 | 4 | — | — | — | 4 5 0 | 0 2 2 | 4 7 2 |
| " | St. Simon's N. S. | 90 | 72 | 37 | 6 | 1 | — | — | 44 | — | — | — | — | 3 12 0 | 0 2 2 | 3 14 2 |
| " | Wicker, Trinity S. | 280 | 136 | 86 | 18 | 3 | — | — | 107 | 4 | 1 | — | 1 | 8 1 0 | 0 6 6 | 8 7 6 |
| Shepley | St. Paul's N. S. | 27 | 25 | 19 | 4 | — | — | — | 23 | — | — | — | — | 2 7 0 | Nil. | 2 7 0 |
| Sheriff Hutton | Wes. S. | 45 | 34 | 16 | 2 | 1 | — | — | 19 | 1 | — | — | — | 1 3 0 | 0 2 2 | 1 5 2 |
| Shipley | Windhill Wes. S. | 120 | 102 | 78 | 7 | 2 | — | — | 87 | 2 | — | — | — | 5 18 0 | 0 4 4 | 6 2 4 |
| Skinningrove | B. S. | 78 | 61 | 39 | 3 | 1 | — | — | 43 | 8 | 1 | — | 1 | 3 18 0 | 0 12 8 | 4 10 8 |
| Skipton | B. S. | 70 | 57 | 31 | 1 | 1 | — | — | 33 | — | — | — | — | 2 16 0 | 0 2 0 | 2 18 0 |
| " | Earby Wes. S. | 80 | 42 | 26 | 9 | 4 | — | — | 39 | 1 | 1 | — | 1 | 4 6 0 | 0 8 7 | 4 14 7 |
| Slaithwaite | Lower N. S. | 120 | 86 | 56 | 8 | — | — | — | 64 | 3 | — | — | — | 4 12 0 | Nil. | 4 12 0 |
| Snaith | Wes. S. | 80 | 50 | 29 | 19 | 2 | — | — | 50 | — | — | — | — | 4 13 0 | 0 4 4 | 4 17 4 |
| Sowerby | Dist. S. | 75 | 60 | 45 | 4 | — | — | — | 49 | 2 | — | — | — | 3 13 0 | Nil. | 3 13 0 |
| " Bridge | N. S. | 250 | 178 | 74 | 23 | 5 | — | — | 102 | 4 | 1 | 1 | 2 | 8 15 0 | 1 1 3 | 9 16 3 |
| Stockton-on-Tees, South. | Cleveland Wes. S. (Boys'). | 124 | 119 | 57 | 27 | 10 | — | — | 94 | — | — | — | — | 8 1 0 | 1 1 8 | 9 2 8 |
| " | Cleveland Wes. S. (Girls'). | 53 | 51 | 24 | 1 | — | — | — | 25 | — | — | — | — | 2 6 0 | Nil. | 2 6 0 |
| " | Thornaby N. S. | 112 | 104 | 52 | 11 | 2 | — | — | 65 | — | — | — | — | 5 0 0 | 0 4 4 | 5 4 4 |
| Sutton (Cross Hills) | N. S. | 51 | 41 | 25 | 10 | 6 | — | — | 41 | — | — | — | — | 4 3 0 | 0 13 1 | 4 16 1 |
| " | Holme Bridge Bd. S. | 45 | 42 | 25 | 9 | 1 | — | — | 35 | 3 | — | — | — | 3 6 0 | 0 2 2 | 3 8 2 |
| Swinton | N. S. | 105 | 50 | 26 | 12 | 2 | — | — | 40 | — | — | — | — | 3 16 0 | 0 4 4 | 4 0 4 |
| Tadcaster | N. S. | 36 | 28 | 20 | 5 | — | — | — | 25 | — | — | — | — | 2 10 0 | Nil. | 2 10 0 |
| Thirsk | Long Street B. S. | 50 | 48 | 18 | 8 | 1 | 1 | — | 28 | 1 | 1 | — | 1 | 3 2 0 | 0 2 2 | 3 4 2 |

| | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Thorne | Brooke's S. | 59 | 51 | 28 | 12 | 7 | — | — | 47 | 1 | — | — | — | 4 13 0 | 0 15 2 | 5 8 2 |
| Thornhill Lees | N. S. | 128 | 41 | 19 | 2 | — | — | — | 21 | — | — | — | — | 2 3 0 | Nil. | 2 3 0 |
| Thornton | James Street Bd. S. | 45 | 41 | 30 | 4 | — | — | — | 34 | 1 | — | — | — | 2 18 0 | Nil. | 2 18 0 |
| Thurgoland | N. S. | 90 | 50 | 38 | 7 | 1 | — | — | 46 | 4 | 1 | — | 1 | 4 5 0 | 0 2 2 | 4 7 2 |
| Uppermill | Saddleworth Par. S. | 48 | 35 | 23 | 4 | — | — | — | 27 | — | — | — | — | 2 11 0 | Nil. | 2 11 0 |
| Wakefield | Green Coat Char. S. | 69 | 69 | 35 | — | — | — | — | — | — | — | — | — | Nil. | Nil. | Nil. |
| ,, | Lancasterian S. | 210 | 147 | 101 | 20 | 9 | — | — | 130 | — | — | — | — | 9 8 0 | 0 18 7 | 10 6 7 |
| ,, | Thornhill St. Wes. S. | 94 | 48 | 25 | 2 | — | — | — | 27 | — | — | — | — | 2 9 0 | Nil. | 2 9 0 |
| ,, | Trinity N. S. | 178 | 141 | 84 | 21 | 4 | — | — | 109 | 3 | 1 | — | 1 | 8 8 0 | 0 8 4 | 8 16 4 |
| Welburn | Ch. of E. S. | 60 | 46 | 32 | 8 | 1 | — | — | 41 | 3 | — | — | — | 3 11 0 | 0 2 2 | 3 13 2 |
| Wetherby | Wes. S. | 100 | 54 | 28 | 3 | 1 | — | — | 32 | 1 | — | — | — | 2 17 0 | 0 2 3 | 2 19 3 |
| Wombwell | Bd. S. | 48 | 30 | 5 | — | — | — | — | 5 | — | — | — | — | 0 5 0 | Nil. | 0 5 0 |
| Wortley | Greenside Wes. S. | 185 | 142 | 86 | 8 | 4 | 1 | — | 99 | 2 | — | 1 | 1 | 7 9 0 | 0 17 11 | 8 6 11 |
| Yarm | N. S. | 70 | 32 | 22 | 5 | 3 | — | — | 30 | 2 | — | — | — | 3 1 0 | 0 6 8 | 3 7 8 |
| York | Bedern N.S. | 86 | 65 | 31 | 7 | 2 | — | — | 40 | 7 | — | — | — | 3 11 0 | 0 4 4 | 3 15 4 |
| ,, | Bilton Street S. | 120 | 103 | 43 | 12 | 1 | 1 | — | 56 | 2 | 1 | 1 | — | 4 10 0 | 0 12 5 | 5 2 5 |
| ,, | Bishophill Girls' S. | 100 | 80 | 45 | 12 | 1 | — | — | 58 | 4 | 2 | — | 2 | 5 12 0 | 0 2 2 | 5 14 2 |
| ,, | Bishophill and Clementhorpe S. | 85 | 63 | 29 | 18 | 1 | — | — | 48 | — | — | — | — | 4 8 0 | 0 2 2 | 4 10 2 |
| ,, | Blue Coat S. | 80 | 66 | 27 | 22 | 13 | 2 | — | 64 | 2 | — | — | — | 7 0 0 | 1 8 1 | 8 8 1 |
| ,, | Grove's Wes. S. | 160 | 131 | 64 | 14 | 1 | — | — | 79 | 6 | — | — | — | 5 15 0 | 0 2 3 | 5 17 3 |
| ,, | Hope Street B. S. | 300 | 214 | 137 | 51 | 6 | — | — | 194 | 7 | 2 | — | 2 | 15 17 0 | 0 13 5 | 16 10 5 |
| ,, | Manor S. | 150 | 122 | 86 | 14 | 5 | — | — | 105 | 4 | 2 | — | 2 | 8 9 0 | 0 10 9 | 8 19 9 |
| ,, | Model and Pract. S. | 91 | 82 | 54 | 20 | 6 | 1 | — | 81 | 8 | 2 | — | 2 | 7 17 0 | 0 12 10 | 8 9 10 |
| ,, | Priory Street Wes. S. | 400 | 342 | 175 | 40 | 8 | 1 | — | 224 | 14 | 1 | 2 | 3 | 18 14 0 | 2 17 10 | 21 11 10 |
| ,, | St. Dennis Ch. of E. S. | 70 | 53 | 27 | 15 | 2 | — | — | 44 | 5 | 4 | — | 4 | 7 13 0 | 0 4 2 | 7 17 2 |
| ,, | St. George's Wes. S. | 170 | 108 | 43 | 5 | — | — | — | 48 | 7 | 2 | 2 | 4 | 6 13 0 | 1 1 0 | 7 14 0 |
| ,, | St. Lawrence N. S. | 90 | 59 | 29 | 7 | — | — | — | 36 | 2 | 1 | — | 1 | 4 3 0 | Nil. | 4 3 0 |

## WALES.

| | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Aberdare | B. S. | 120 | 109 | 23 | 35 | 13 | — | — | 71 | — | — | — | — | 7 12 0 | 1 8 0 | 9 0 0 |
| ,, | Cwmbach Bd. S. | 80 | 80 | 33 | 3 | — | — | — | 36 | — | — | — | — | 2 19 0 | Nil. | 2 19 0 |
| ,, | St. Fagan's N. S. | 69 | 45 | 17 | 2 | 1 | — | — | 20 | 4 | — | — | — | 2 4 0 | 0 2 2 | 2 6 2 |
| Bagillt | N. S. | 4 | 4 | — | — | — | 1 | 1 | 2 | 2 | 2 | — | 2 | 1 7 0 | 0 10 0 | 1 17 0 |
| Bangor | Garth Rd. N. S. | 90 | 47 | 27 | 11 | 5 | — | — | 43 | — | — | — | — | 4 4 0 | 0 10 10 | 4 14 10 |
| ,, | Hill St. Upper N. S. | 70 | 50 | 20 | 4 | 2 | — | — | 26 | 3 | — | — | — | 2 14 0 | 0 4 4 | 2 18 4 |
| Bethesda | Cefnfaes B. S. | 140 | 54 | 21 | 3 | 4 | — | — | 28 | 2 | 1 | — | 1 | 3 9 0 | 0 8 8 | 3 17 8 |
| Brecon | Coke Mem^l. S. | 150 | 66 | 23 | 4 | — | — | — | 27 | — | — | — | — | 2 11 0 | Nil. | 2 11 0 |
| Bridgend | N. S. | 180 | 90 | 37 | 11 | 2 | — | — | 50 | — | — | — | — | 4 5 0 | 0 4 4 | 4 9 4 |
| Buckley | St. Matthew's N. S. | 70 | 40 | 12 | 9 | 2 | — | — | 23 | 2 | 1 | — | — | 2 16 0 | 0 4 4 | 3 0 4 |
| Burry Port | Copper Works S. | 50 | 38 | 20 | 10 | 1 | — | — | 31 | 2 | 1 | — | 1 | 3 13 0 | 0 2 2 | 3 15 2 |

## Instruction in Drawing in Elementary Day Schools—*continued.*

| Town. | Name of School. | Total No. of Children taught Drawing. | No. examined in 1st and 2nd Grades. | No. satisfactorily taught, 1st Grade. | No. showing proficiency, 1st Grade. | No. who excelled and obtained Prizes, 1st Grade. | No. of Children who passed in 2nd Grade. | No. of Children who obtained Prizes in 2nd Grade. | No. of Children on whom Payments were made. | No. of Pupil-teachers and paid Monitors examined. | No. of Pupil-teachers and paid Monitors passed. | No. of Pupil-teachers and paid Monitors who obtained Prizes. | No. of Pupil-teachers and paid Monitors on whom Payments were made. | Amount of Payments made to the School on account of Drawing. | Cost of Prizes and Examples. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | £ s. d. | £ s. d. | £ s. d. |
| Caerphilly | Groeswen Bd. S. | 60 | 44 | 24 | 6 | 2 | | | 32 | 2 | 1 | — | 1 | 3 12 0 | 0 4 5 | 3 16 5 |
| „ | N. S. | 60 | 48 | 26 | 3 | 1 | | | 30 | 3 | 1 | 1 | 2 | 3 15 0 | 0 12 8 | 4 7 8 |
| Cardiff | Bute Town N. S. | 126 | 90 | 35 | 14 | 2 | | | 51 | 2 | 1 | 1 | 2 | 5 9 0 | 0 14 10 | 6 3 10 |
| „ | Canton N. S. | 190 | 158 | 75 | 16 | 6 | | | 97 | 2 | 2 | — | 2 | 8 5 0 | 0 13 3 | 8 18 3 |
| „ | Seamen's Bethel S. | 85 | 56 | 30 | 12 | 2 | | | 44 | 1 | 1 | — | 1 | 5 0 0 | 0 4 4 | 5 4 4 |
| „ | Tredegarville N. S. | 200 | 145 | 66 | 6 | 3 | | | 75 | 6 | — | — | — | 5 7 0 | 0 6 6 | 5 13 6 |
| „ | Wenvoe S. | 50 | 32 | 14 | 10 | 2 | | | 26 | — | — | — | — | 3 0 0 | 0 4 4 | 3 4 4 |
| „ | Working Street Wes. S., Boys'. | 125 | 62 | 43 | 7 | 3 | | | 53 | 3 | 1 | — | 1 | 4 16 0 | 0 6 4 | 5 2 4 |
| „ | Working Street Wes. S., Girls'. | 110 | 82 | 16 | 9 | — | | | 25 | 4 | — | — | — | 2 14 0 | Nil. | 2 14 0 |
| Carmarthen | N. and Pract. S. | 156 | 100 | 58 | 11 | 4 | | | 73 | 6 | 1 | 1 | 2 | 7 2 0 | 0 19 3 | 8 1 3 |
| „ | Pentrepoth Bd. S. | 90 | 78 | 35 | 12 | 2 | | | 49 | 6 | 2 | — | 2 | 5 15 0 | 0 4 4 | 5 19 4 |
| „ | Priory Street N. S. | 52 | 37 | 24 | 3 | 1 | | | 28 | — | — | — | — | 2 13 0 | 0 2 2 | 2 15 2 |
| Carnarvon | Bd. S. | 101 | 92 | 43 | 22 | 3 | | | 68 | 5 | 3 | — | 3 | 7 6 0 | 0 6 6 | 7 12 6 |
| „ | Model S. | 150 | 121 | 51 | 5 | 5 | | | 61 | 5 | 1 | — | 1 | 5 6 0 | 0 11 0 | 5 17 0 |
| Cwm Avon | Works' N. S. | 200 | 178 | 85 | 35 | 12 | | | 132 | 4 | 4 | — | 4 | 12 11 0 | 1 6 0 | 13 17 0 |
| Festiniog | Bd. S. | 75 | 50 | 17 | 18 | 2 | | | 32 | 5 | — | — | — | 3 9 0 | 0 4 6 | 3 13 6 |
| Glyn Neath | B. S. | 49 | 35 | 14 | 6 | 11 | | | 31 | 3 | 1 | 2 | 3 | 6 19 0 | 2 4 8 | 9 3 8 |
| Haverfordwest | N. S. | 56 | 37 | 21 | 11 | 1 | | | 33 | 1 | 1 | — | 1 | 4 6 0 | 0 2 2 | 4 8 2 |
| Hawarden | Ch. of E. S. | 148 | 52 | 30 | 17 | 4 | | | 51 | 4 | 2 | — | 2 | 5 16 0 | 0 8 8 | 6 4 8 |
| Hay | Brecon Road S. | 80 | 45 | 10 | 10 | 3 | | | 23 | 2 | — | — | — | 2 19 0 | 0 6 6 | 3 5 6 |
| Llanboidy | N. S. | 70 | 47 | 28 | 8 | 3 | | | 39 | 3 | 2 | — | — | 3 13 0 | 0 6 6 | 3 19 6 |
| Llandegai | Boys' S. | 90 | 51 | 22 | 21 | 5 | | | 48 | 3 | 1 | 1 | 2 | 5 19 0 | 0 19 1 | 6 18 1 |
| Llandilo | Talybont N. S. | 90 | 74 | 32 | 14 | 4 | | | 50 | 1 | — | — | — | 4 12 0 | 0 8 8 | 5 0 8 |
| Llandovery | Stone Street B. S. | 123 | 91 | 51 | 21 | 4 | | | 76 | 7 | 2 | 2 | 4 | 8 5 0 | 1 6 5 | 9 11 5 |
| Llandudno | Ch. of E. S., Eglwys Rhôs. | 60 | 42 | 15 | 5 | — | | | 20 | 2 | — | — | — | 2 5 0 | 0 10 2 | 2 15 2 |
| Llanelly | Copper Wks. S. | 280 | 224 | 119 | 43 | 10 | 1 | 1 | 174 | 13 | 6 | 2 | 8 | 17 5 0 | 2 12 9 | 19 17 9 |
| „ | Dafen Tin Plate Wks. S. | 101 | 70 | 40 | 17 | 5 | — | — | 62 | 6 | 5 | 1 | 6 | 8 9 0 | 1 0 8 | 9 9 8 |

| | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| " - - | Nat. and Mixed S. - | 70 | 58 | 25 | 10 | 4 | — | — | 39 | 3 | — | 1 | — | 3 17 0 | 4 6 1 | 8 3 1 |
| " - - | Park Street Bd. S. - | 160 | 110 | 68 | 21 | 1 | — | — | 90 | 5 | 4 | — | 4 | 9 3 0 | 1 8 11 | 10 11 11 |
| Llansadwrn - - | Bd. S. - - - | 50 | 18 | 7 | 10 | 1 | — | — | 18 | 3 | 1 | — | 1 | 2 0 0 | 0 2 2 | 2 2 2 |
| Llansawel - - | Bd. S. - - - | 78 | 41 | 13 | 1 | — | — | — | 14 | — | — | — | — | 0 15 0 | Nil. | 0 15 0 |
| Llantrisant - - | N. S. - - - | 141 | 92 | 33 | 11 | 2 | — | — | 46 | 13 | 6 | — | 6 | 7 1 0 | 0 4 4 | 7 5 4 |
| Llantwit Major - | Bd. S. - - - | 116 | 39 | 18 | 6 | 3 | — | — | 27 | — | — | — | — | 2 19 0 | 0 6 6 | 3 5 6 |
| Llanwrtyd - - | Par. S. - - - | 45 | 35 | 15 | 8 | 1 | — | — | 24 | 1 | — | — | — | 2 14 0 | 0 2 2 | 2 16 2 |
| Loughor - - | Par. S. - - - | 98 | 53 | 24 | 14 | 4 | — | — | 42 | 6 | 1 | 1 | 2 | 5 4 0 | 1 8 3 | 6 12 3 |
| Merthyr Tydfil - | Abermorlais Bd. S. - | 366 | 322 | 110 | 18 | 5 | 1 | — | 133 | 8 | 3 | — | — | 9 1 0 | 0 10 6 | 9 11 7 |
| " - | Penydarren Bd. S. - | 289 | 248 | 72 | 12 | 3 | — | — | 87 | 13 | 1 | — | 1 | 6 15 0 | 0 6 6 | 7 1 6 |
| " - | St. David's N. S. - | 180 | 120 | 61 | 18 | 5 | — | — | 84 | 4 | 3 | — | — | 6 12 0 | 0 10 10 | 7 2 10 |
| Narberth - - | Bd. S. - - - | 43 | 34 | 17 | 13 | 2 | — | — | 32 | 2 | 1 | — | — | 3 9 0 | 0 4 4 | 3 13 4 |
| Newtown - - | N. S. - - - | 100 | 83 | 47 | 10 | 1 | — | — | 58 | — | — | — | — | 4 10 0 | 0 2 2 | 4 12 2 |
| Pembroke Dock - | Bd. S. - - - | 200 | 160 | 88 | 16 | 4 | — | — | 108 | 9 | 4 | 3 | 7 | 12 2 0 | 2 3 11 | 14 5 11 |
| " - | N. S. - - - | 183 | 166 | 95 | 14 | 4 | — | — | 113 | — | — | — | — | 7 15 0 | 0 8 4 | 8 3 4 |
| Penmaenmawr - | N. S. - - - | 67 | 63 | 27 | 2 | — | — | — | 29 | 2 | — | — | — | 2 11 0 | Nil. | 2 11 0 |
| Pontardulais - | Hendy Wks. S. - | 147 | 101 | 46 | 11 | 1 | — | — | 58 | 1 | 1 | — | — | 4 11 0 | 0 2 2 | 4 13 2 |
| Pontgarreg - - | B. S. - - - | 28 | 27 | 11 | 7 | 8 | — | — | 26 | — | — | — | — | 3 9 0 | 0 17 10 | 4 6 10 |
| Pontypridd - - | Llwynypia Colly. S. - | 28 | 26 | 14 | 7 | 3 | — | — | 24 | 2 | — | — | — | 2 17 0 | 0 6 6 | 3 3 6 |
| " - - | Treorky, United Collieries S. | 80 | 62 | 18 | 4 | 1 | — | — | 23 | 2 | — | — | — | 2 9 0 | 0 2 2 | 2 11 2 |
| Portmadoc - - | N. S. - - - | 45 | 37 | 14 | 18 | 5 | — | — | 37 | 5 | 2 | 3 | 5 | 9 5 0 | 2 1 4 | 11 6 4 |
| Rhosllanerchrugog | N. S. - - - | 69 | 79 | 34 | 7 | 1 | — | — | 42 | — | — | — | — | 3 11 0 | 0 2 2 | 3 13 2 |
| Rhyl - - - | Boys' N. S. - - | 88 | 60 | 25 | 9 | 2 | — | — | 36 | — | — | — | — | 3 9 0 | 0 4 4 | 3 13 4 |
| Rosset - - | N. S. - - - | 25 | 21 | 9 | 7 | 2 | — | — | 18 | — | — | — | — | 1 9 0 | 0 4 4 | 1 13 4 |
| Ruthin - - | B. S. - - - | 48 | 26 | 8 | 7 | 6 | — | — | 21 | 2 | 2 | — | 2 | 4 0 0 | 1 2 4 | 5 2 4 |
| St. Dogmells - | B. S. - - - | 146 | 95 | 34 | 6 | 2 | — | — | 42 | 3 | 1 | — | 1 | 4 2 0 | 0 14 5 | 4 16 5 |
| Swansea - - | Goat Street B. S. - | 94 | 31 | 14 | 2 | — | — | — | 12 | — | — | — | — | Nil. | Nil. | Nil. |
| " - - | Kilvey Copper Wks. S. | 215 | 127 | 78 | 13 | 11 | 1 | — | 103 | 12 | 7 | 2 | 9 | 12 12 0 | 2 4 10 | 14 16 10 |
| " - - | Oxford Street N. S. - | 308 | 227 | 116 | 43 | 9 | — | — | 168 | 21 | 6 | 3 | 9 | 17 19 0 | 3 18 5 | 21 17 5 |
| " - - | Oystermouth Road Par. S. | 190 | 3 | 2 | — | 1 | — | — | 3 | 20 | 12 | 3 | 15 | 8 0 0 | 1 12 2 | 9 12 2 |
| Taffs Well - - | Bd. S. - - - | 78 | 56 | 20 | 4 | 1 | — | — | 25 | — | — | — | — | 2 11 0 | 0 2 2 | 2 13 2 |
| Treherbert - - | B. S. - - - | 87 | 80 | 39 | 8 | — | — | — | 47 | 8 | 2 | 2 | — | 3 15 0 | 1 1 0 | 4 16 0 |
| Wiston - - | N. S. - - - | 38 | 23 | 10 | 6 | 3 | — | — | 19 | 2 | — | — | — | 1 11 0 | 0 6 6 | 1 17 6 |
| Wrexham - - | Gresford N. S. - | 42 | 27 | 16 | 8 | 1 | — | — | 25 | — | — | — | — | 2 15 0 | 0 2 2 | 2 17 2 |
| Ystalyfera - - | B. S., Cwmllynfell - | 2 | — | — | — | — | — | — | — | 2 | 1 | — | 1 | 0 10 0 | Nil. | 0 10 0 |
| Ystrad Rhondda - | B. S. - - - | 104 | 6 | 33 | 8 | 2 | — | — | 43 | 3 | 1 | — | 1 | 4 5 0 | 0 4 4 | 4 9 4 |

## SCOTLAND.

| | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Aberchirder - | Pub. S. - - - | 76 | 71 | 44 | 8 | 5 | — | — | 57 | 4 | 2 | — | 2 | 5 15 0 | 0 10 10 | 6 5 10 |
| Aberdeen - - | Dr. Bell's S., Old Aberdeen. | 28 | 42 | 28 | 3 | 2 | — | — | 25 | 1 | — | — | — | 2 8 0 | 0 4 2 | 2 12 2 |

## Instruction in Drawing in Elementary Day Schools—*continued.*

| Town. | Name of School. | Total No. of Children taught Drawing. | No. examined in 1st and 2nd Grades. | No. satisfactorily taught, 1st Grade. | No. showing proficiency, 1st Grade. | No. who excelled and obtained Prizes, 1st Grade. | No. of Children who passed in 2nd Grade. | No. of Children who obtained Prizes in 2nd Grade. | No. of Children on whom Payments were made. | No. of Pupil-teachers and paid Monitors examined. | No. of Pupil-teachers and paid Monitors passed. | No. of Pupil-teachers and paid Monitors who obtained Prizes. | No. of Pupil-teachers and paid Monitors on whom Payments were made. | Amount of Payments made to the School on account of Drawing. | | | Cost Prizes of and Examples. | | | Total. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | £ | s. | d. | £ | s. | d. | £ | s. | d. |
| Aberdeen | E. C. Normal Pract. S. | 212 | 196 | 126 | 41 | 7 | — | — | 174 | 1 | — | — | — | 12 | 9 | 0 | 0 | 15 | 2 | 13 | 4 | 2 |
| ,, | Frederick Street, Dr. Bell's S. | 300 | 180 | 62 | 9 | 2 | — | — | 73 | 7 | 2 | — | 2 | 6 | 6 | 0 | 0 | 4 | 5 | 6 | 10 | 5 |
| ,, | Pub. S., Albion Street | 164 | 129 | 68 | 17 | 1 | — | — | 86 | 2 | 1 | — | 1 | 6 | 15 | 0 | 0 | 2 | 2 | 6 | 17 | 2 |
| ,, | ,, Gerrard St. | 199 | 92 | 16 | 7 | 1 | — | — | 24 | 4 | — | — | — | 2 | 13 | 0 | 0 | 2 | 2 | 2 | 15 | 2 |
| ,, | ,, Greyfriars | 153 | 211 | 68 | 10 | 2 | — | — | 80 | 6 | 2 | — | — | 5 | 14 | 0 | 4 | 12 | 2 | 10 | 6 | 2 |
| ,, | ,, Marywell St. | 176 | 155 | 76 | 23 | 8 | — | — | 107 | 7 | 1 | 1 | — | 8 | 6 | 0 | 1 | 1 | 6 | 9 | 7 | 6 |
| ,, | ,, Princes St. | 100 | 79 | 28 | 5 | — | — | — | 33 | 3 | — | — | — | 2 | 18 | 0 | Nil. | | | 2 | 18 | 0 |
| ,, | ,, St. Andrew's Street. | 170 | 131 | 62 | 38 | 2 | 1 | — | 103 | 4 | 1 | 1 | 2 | 9 | 9 | 0 | 0 | 14 | 8 | 10 | 3 | 8 |
| ,, | ,, St. Clement's Street. | 340 | 277 | 137 | 51 | 23 | 3 | — | 214 | 10 | 6 | 2 | 8 | 22 | 3 | 0 | 2 | 15 | 10 | 24 | 18 | 10 |
| ,, | ,, St. Paul's St. | 70 | 56 | 28 | 9 | 4 | — | — | 41 | 6 | — | — | — | 3 | 18 | 0 | 0 | 8 | 11 | 4 | 6 | 11 |
| ,, | ,, Virginia St. | 140 | 96 | 43 | 12 | 6 | — | — | 61 | 3 | — | 1 | — | 5 | 5 | 0 | 1 | 3 | 8 | 6 | 8 | 8 |
| ,, | Ross S. | 60 | 51 | 39 | 6 | — | — | — | 45 | — | — | — | — | 3 | 11 | 0 | Nil. | | | 3 | 11 | 0 |
| ,, | St. John's S. | 74 | 62 | 26 | 19 | 4 | — | — | 49 | 4 | 1 | — | 1 | 5 | 6 | 0 | 0 | 8 | 6 | 5 | 14 | 6 |
| ,, | South Par. F. C. S. | 505 | 433 | 206 | 87 | 15 | 2 | 3 | 313 | 18 | 9 | — | 8 | 28 | 0 | 0 | 2 | 16 | 1 | 30 | 16 | 1 |
| ,, | Union St., Trades S. | 111 | 105 | 49 | 35 | 5 | — | — | 89 | — | — | — | — | 7 | 14 | 0 | 0 | 10 | 11 | 8 | 4 | 11 |
| Airdrie | Academy | 270 | 166 | 63 | 14 | 7 | 1 | — | 84 | 4 | — | — | — | 6 | 12 | 0 | 0 | 15 | 2 | 7 | 7 | 2 |
| ,, | Free West Ch. S. | 125 | 92 | 70 | 11 | 2 | — | — | 83 | — | — | — | — | 5 | 18 | 0 | 0 | 4 | 4 | 6 | 2 | 4 |
| ,, | Mission Hall Pub. S. | 125 | 87 | 42 | 11 | 8 | — | — | 61 | 4 | — | — | — | 5 | 8 | 0 | 0 | 17 | 4 | 6 | 5 | 4 |
| Alexandria | Ch. and Bridge Sts. Pub. S. | 50 | 40 | 24 | 9 | 3 | — | — | 36 | 3 | 1 | — | — | 3 | 11 | 0 | 0 | 6 | 6 | 3 | 17 | 6 |
| ,, | Main St. Pub. S. | 70 | 63 | 34 | 13 | 6 | — | — | 53 | 4 | — | — | — | 4 | 18 | 0 | 1 | 3 | 0 | 6 | 1 | 0 |
| Alloway | Pub. S. | 35 | 35 | 27 | 5 | 3 | — | — | 35 | — | — | — | — | 3 | 6 | 0 | 0 | 6 | 7 | 3 | 12 | 7 |
| Arbroath | Abbey Pub. S. | 60 | 46 | 8 | 25 | 13 | — | — | 46 | 3 | 1 | — | 1 | 6 | 7 | 0 | 1 | 8 | 2 | 7 | 15 | 2 |
| Ardrossan | No. 1. Pub. S. | 167 | 128 | 86 | 20 | 7 | — | — | 113 | — | — | — | — | 8 | 7 | 0 | 0 | 15 | 0 | 9 | 2 | 0 |
| Arngask | Pub. S. | 40 | 40 | 37 | 2 | 1 | — | — | 40 | — | — | — | — | 3 | 4 | 0 | 0 | 2 | 3 | 3 | 6 | 3 |
| Auchencairn | Pub. S. | 30 | 29 | 16 | 10 | 3 | — | — | 25 | 2 | — | — | — | 2 | 15 | 0 | 0 | 6 | 2 | 3 | 1 | 2 |
| Ayr | Newton Acad. Pub. S. | 46 | 34 | 13 | 11 | 6 | — | — | 30 | — | — | — | — | 3 | 13 | 0 | 0 | 13 | 1 | 4 | 6 | 1 |
| Baillieston | Sess. S. | 70 | 43 | 31 | 6 | 2 | — | — | 39 | — | — | — | — | 3 | 9 | 0 | 2 | 5 | 1 | 5 | 14 | 1 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Balbeggie | Pub. S. | 30 | 25 | 17 | 7 | — | — | — | 24 | — | — | — | — | 2 11 0 | Nil. | 2 11 0 |
| Banff | Pub. S. | 52 | 48 | 33 | 5 | — | — | — | 38 | — | — | — | — | 3 3 0 | Nil. | 3 3 0 |
| Bathgate | Academy S. | 324 | 245 | 89 | 38 | 13 | — | — | 140 | 9 | 2 | — | 2 | 12 4 0 | 1 8 2 | 13 12 2 |
| Bellshill | Pub. S. | 70 | 62 | 51 | 7 | 4 | — | — | 62 | 2 | — | — | — | 4 17 0 | 0 8 8 | 5 5 8 |
| Benholme | Pub. S. | 24 | 24 | 20 | 3 | 1 | — | — | 24 | — | — | — | — | 2 9 0 | 0 2 2 | 2 11 2 |
| Blantyre | Pub. S. | 98 | 77 | 58 | 15 | 2 | 1 | — | 76 | 2 | 2 | — | 2 | 6 19 0 | 0 4 2 | 7 3 2 |
| Bo'ness | Grangepans Pub. S. | 80 | 64 | 31 | 21 | 7 | — | — | 59 | 6 | — | — | — | 5 14 0 | 0 15 0 | 6 9 0 |
| Bonhill | Main St. Pub. S. | 39 | 28 | 27 | 1 | — | — | — | 28 | 5 | 1 | — | — | 2 9 0 | 9 17 9 | 12 6 9 |
| Bonnybridge | Pub. S. | 87 | 64 | 56 | 6 | — | 1 | — | 63 | 3 | 2 | — | 2 | 6 13 0 | Nil. | 6 13 0 |
| Borgue | Pub. S. | 86 | 60 | 52 | 6 | 2 | — | — | 60 | — | — | — | — | 4 10 0 | 0 4 4 | 4 14 4 |
| Bowling | Milton Pub. S. | 68 | 47 | 20 | 9 | 5 | — | — | 34 | 3 | — | — | — | 3 13 0 | 0 10 10 | 4 3 10 |
| Braco | West Pub. S. | 26 | 24 | 13 | 7 | 2 | 1 | — | 23 | — | — | — | — | 2 18 0 | 0 4 5 | 3 2 5 |
| Broughty Ferry | Central Pub. S. | 169 | 158 | 133 | 20 | — | — | — | 153 | 6 | 1 | — | 1 | 10 3 0 | Nil. | 10 3 0 |
| Busby | Pub. S. | 55 | 47 | 45 | 7 | 4 | — | — | 56 | 2 | 1 | — | 1 | 5 1 0 | 0 8 10 | 5 9 10 |
| Callander | F. C. S. | 80 | 50 | 41 | 6 | 2 | — | — | 49 | — | — | — | — | 3 19 0 | 0 4 4 | 4 3 4 |
| " | Pub. S. | 18 | 17 | 13 | 4 | — | — | — | 17 | — | — | — | — | 1 1 0 | Nil. | 1 1 0 |
| Cambuslang | Pub. S. | 48 | 45 | 29 | 10 | 4 | — | — | 43 | 1 | 1 | — | 1 | 4 11 0 | 0 8 8 | 4 19 8 |
| Campbeltown | United Presbn. S. | 70 | 56 | 29 | 18 | 7 | — | — | 54 | 2 | — | — | — | 5 6 0 | 0 15 6 | 6 1 6 |
| Campsie | Lennoxtown Pub. S. | 125 | 87 | 33 | 9 | 3 | — | — | 45 | — | — | — | — | 4 0 0 | 0 6 6 | 4 6 6 |
| Carron | S. | 76 | 69 | 42 | 14 | 4 | — | — | 60 | — | — | — | — | 5 2 0 | 0 8 8 | 5 10 8 |
| Castle Douglas | Pub. S. | 165 | 142 | 66 | 19 | 4 | — | — | 89 | 1 | 1 | — | 1 | 7 6 0 | 0 8 8 | 7 14 8 |
| Chapelton | Pub. S. | 46 | 34 | 25 | 7 | 2 | — | — | 34 | 1 | 1 | — | 1 | 3 15 0 | 0 4 4 | 3 19 4 |
| Clachnaharry | Pub. S. | 75 | 46 | 19 | 7 | — | — | — | 26 | 1 | — | — | — | 2 13 0 | Nil. | 2 13 0 |
| Clarkston | Pub. S. | 152 | 124 | 89 | 24 | — | — | — | 113 | 4 | 1 | — | — | 7 17 0 | Nil. | 7 17 0 |
| Clydebank | Pub. S. | 45 | 37 | 14 | 13 | 10 | — | — | 37 | — | — | — | — | 4 10 0 | 1 2 1 | 5 12 1 |
| Coatbridge | Calder Iron Works S. | 40 | 35 | 16 | 16 | 2 | — | — | 34 | 2 | 1 | 1 | — | 3 14 0 | 7 17 8 | 11 11 8 |
| " | Gartsherrie Acad. S. | 283 | 206 | 102 | 54 | 33 | — | — | 189 | 2 | 2 | — | 2 | 17 9 0 | 3 11 11 | 21 0 11 |
| " | " Works S. | 188 | 139 | 89 | 25 | 2 | — | — | 116 | 3 | — | — | — | 8 5 0 | 0 4 4 | 8 9 4 |
| " | Rosehall Colliery S. | 64 | 35 | 23 | 10 | 2 | — | — | 35 | 4 | 1 | — | — | 3 9 0 | 0 4 4 | 3 13 4 |
| " | Summerlee Iron Works S. | 87 | 40 | 34 | 6 | — | — | — | 40 | 2 | 1 | — | 1 | 3 16 0 | Nil. | 3 16 0 |
| Collessie | Pub. S. | 48 | 31 | 20 | 6 | — | 2 | — | 28 | 5 | 3 | — | 3 | 4 12 0 | — | 4 12 0 |
| Cowdenbeath | Colliery Est. Ch. S. | 60 | 46 | 40 | 4 | 2 | — | — | 46 | 4 | 1 | — | 1 | 4 4 0 | 0 4 4 | 4 8 4 |
| Croy | Drumglass S. | 70 | 51 | 39 | 6 | 7 | — | — | 52 | — | — | — | — | 4 12 0 | 0 15 8 | 5 7 8 |
| Dalry | Town End Pub. S. | 120 | 81 | 34 | 12 | 5 | — | — | 51 | 4 | — | — | — | 4 13 0 | 0 11 3 | 5 4 3 |
| " | West End Pub. S. | 166 | 96 | 49 | 29 | 18 | — | — | 96 | 7 | 1 | 1 | — | 9 1 0 | 2 5 8 | 11 6 8 |
| Dalserf | Pub. S. | 75 | 50 | 23 | 19 | 6 | — | — | 48 | 4 | 1 | — | — | 4 19 0 | 4 18 9 | 9 17 9 |
| Darvel | Pub. S. | 55 | 47 | 22 | 22 | 3 | — | — | — | 2 | — | — | — | 1 0 0 | 0 6 6 | 1 6 6 |
| Dingwall | Wes. Pub. S. | 133 | 119 | 77 | 24 | 6 | 4 | — | 111 | 2 | 1 | — | 1 | 9 13 0 | 0 13 3 | 10 6 3 |
| Dollar | Inst. Lower S. | 137 | 70 | 39 | 3 | — | — | — | 42 | — | — | — | — | 3 5 0 | Nil. | 3 5 0 |
| Douglas | Rigside Pub. S. | 12 | 12 | 12 | 1 | — | — | — | 13 | 1 | — | — | — | 0 14 0 | Nil. | 0 14 0 |
| Dufftown | Mortlach Pub. S. | 30 | 30 | 11 | 16 | 3 | — | — | 30 | — | — | — | — | 3 12 0 | 0 6 6 | 3 18 6 |
| Dumbarton | Burgh Acad. | 367 | 156 | 89 | 41 | 16 | 3 | 3 | 152 | 9 | 1 | 1 | 2 | 14 9 0 | 3 1 9 | 17 10 9 |
| " | West Bridgend S. | 76 | 38 | 36 | 2 | — | — | — | 38 | 2 | 1 | — | 1 | 3 10 0 | Nil. | 3 10 0 |
| Dunbarney | Pub. S. | 46 | 40 | 14 | 16 | 5 | 1 | — | 36 | 3 | — | — | — | 4 6 0 | 0 11 2 | 4 17 2 |
| Dundee | Certified Indus. S. | 70 | 53 | 48 | 1 | 1 | — | — | 50 | — | — | — | — | 3 13 0 | 0 2 3 | 3 15 3 |

## Instruction in Drawing in Elementary Day Schools—*continued.*

| Town. | Name of School. | Total No. of Children taught Drawing. | No. examined in 1st and 2nd Grades. | No. satisfactorily taught, 1st Grade. | No. showing proficiency, 1st Grade. | No. who excelled and obtained Prizes, 1st Grade. | No. of Children who passed in 2nd Grade. | No. of Children who obtained Prizes in 2nd Grade. | No. of Children on whom Payments were made. | No. of Pupil-teachers and paid Monitors examined. | No. of Pupil-teachers and paid Monitors passed. | No. of Pupil-teachers and paid Monitors who obtained Prizes. | No. of Pupil-teachers and paid Monitors on whom Payments were made. | Amount of Payments made to the School on account of Drawing. | Cost of Prizes and Examples. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | £ s. d. | £ s. d. | £ s. d. |
| Dundee - - | Euclid Crescent S. - | 80 | 61 | 42 | 14 | 2 | — | — | 58 | — | — | — | — | 4 16 0 | 0 4 4 | 5 0 4 |
| " - - | Rosebank Sess$^{l}$. S. - | 42 | 37 | 29 | 1 | — | — | — | 30 | — | — | — | — | 2 11 0 | Nil. | 2 11 0 |
| " - - | Royal Orphan Inst. S. | 58 | 34 | 17 | 9 | 7 | 1 | — | 134 | 4 | 2 | — | 2 | 5 1 0 | 0 15 2 | 5 16 2 |
| " - - | St. Andrew's Sess$^{l}$. S. | 160 | 127 | 69 | 21 | 11 | — | — | 01 | 18 | 3 | 2 | 5 | 10 14 0 | 2 4 6 | 12 18 6 |
| " - - | St. Peter's Pub. S. - | 195 | 82 | 39 | 23 | 3 | 1 | 1 | 67 | 5 | 2 | — | 2 | 7 4 0 | 0 16 7 | 8 0 7 |
| " - - | St. Salvador's Boys' S. | 100 | 63 | 37 | 8 | 2 | — | — | 47 | 2 | — | — | — | 3 19 0 | 0 4 4 | 4 3 4 |
| Dunfermline - | Pub. S. - - - | 61 | 50 | 40 | 3 | 1 | — | — | 44 | 2 | 2 | — | 2 | 4 9 0 | 0 2 2 | 4 11 2 |
| Dunkeld - | Royal S. - - | 26 | 26 | 15 | 4 | 4 | — | — | 23 | — | — | — | — | 2 15 0 | 0 9 0 | 3 4 0 |
| " Little - | Pub. S. - - - | 17 | 16 | 8 | 3 | 2 | — | — | 13 | — | — | — | — | 1 0 0 | 0 4 6 | 1 4 6 |
| Dunning - - | Pitcairns Pub. S. - | 44 | 31 | 15 | 11 | 5 | — | — | 31 | 1 | 1 | — | 1 | 4 2 0 | 0 10 10 | 4 12 10 |
| Dyce - - - | Pub. S. - - - | 102 | 87 | 24 | 5 | 5 | — | — | 34 | — | — | — | — | 3 9 0 | 0 11 2 | 4 0 2 |
| Dysart - - | North Pub. S. - - | 75 | 52 | 32 | 12 | 5 | — | — | 49 | 4 | 1 | — | 1 | 5 1 0 | 0 11 2 | 5 12 2 |
| Edinburgh - | Canongate Sess$^{l}$. S. - | 60 | 45 | 25 | 7 | 2 | — | — | 234 | 2 | 2 | — | 2 | 4 5 0 | 0 4 5 | 4 9 5 |
| " - - | Ch. of Scot. Pract. S. - | 314 | 249 | 131 | 82 | 28 | — | — | 41 | 6 | 5 | — | 5 | 22 9 0 | 3 0 0 | 25 9 0 |
| " - - | Deaf and Dumb Inst. S. | 40 | 35 | 14 | 2 | — | 4 | 1 | 21 | — | — | — | — | 3 3 0 | 0 10 0 | 3 13 0 |
| " - - | Gillespie's S. - - - | 80 | 72 | 48 | 11 | 4 | — | — | 63 | 4 | — | — | — | 5 2 0 | 0 8 8 | 5 10 8 |
| " - - | Morningside Subs$^{n}$. S. | 60 | 50 | 27 | 6 | 3 | — | — | 36 | — | — | — | — | 3 8 0 | 0 6 6 | 3 14 6 |
| " - - | Newington F. C. S. - | 111 | 105 | 52 | 26 | 7 | 2 | — | 87 | 4 | — | — | — | 7 15 0 | 0 14 9 | 8 9 9 |
| " - - | Niddry St., Dr. Bell's S. | 270 | 220 | 119 | 16 | 1 | — | — | 136 | 3 | 1 | 1 | — | 8 14 0 | 0 2 2 | 8 16 2 |
| " - - | Pilrig Pub. S. - - | 135 | 131 | 49 | 13 | 3 | — | — | 65 | 2 | — | — | — | 5 4 0 | 0 6 6 | 5 10 6 |
| " - - | Pleasance Territorial S. | 110 | 90 | 77 | — | — | — | — | 77 | 4 | 1 | — | — | 4 17 0 | Nil. | 4 17 0 |
| " - - | St. Andrew's Epis. S. - | 100 | 63 | 49 | 3 | 1 | — | — | 53 | 6 | 1 | — | 1 | 4 8 0 | 0 2 2 | 4 10 2 |
| " - - | St. George's S. - | 253 | 212 | 130 | 50 | 15 | — | — | 195 | — | — | — | — | 14 15 0 | 1 13 8 | 16 8 8 |
| " - - | St. Leonard's Pub. S. - | 250 | 193 | 106 | 18 | 5 | 1 | 1 | 131 | 9 | — | — | — | 9 7 0 | 1 0 7 | 10 7 7 |
| " - - | South Grays Close Pub. S. | 120 | 101 | 60 | 9 | 5 | — | — | 74 | 4 | 1 | — | — | 5 13 0 | 0 10 10 | 6 3 10 |
| " - - | Stockbridge F. C. S. - | 92 | 70 | 54 | 8 | 3 | — | — | 65 | 2 | — | — | — | 4 19 0 | 0 6 4 | 5 5 4 |
| Errol - - | Female Indus. S. - | 33 | 27 | 14 | 1 | — | — | — | 15 | — | — | — | — | 0 16 0 | Nil. | 0 16 0 |
| Falkirk - - | South S. - - | 74 | 67 | 38 | 14 | 10 | 3 | — | 65 | — | — | — | — | 6 11 0 | 1 1 9 | 7 12 9 |

Appendix C.

DRAWING IN ELEMENTARY DAY SCHOOLS.

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ferry Port-on-Craig | Pub. S. | 145 | 123 | 41 | 23 | 31 | — | — | 95 | 5 | — | 5 | 5 | 13 10 0 | 4 19 0 | 18 9 0 |
| Finstown | Pub. S. | 55 | 49 | 32 | 7 | 3 | — | — | 42 | — | — | — | — | 3 14 0 | 0 6 6 | 4 1 6 |
| Fraserburgh | Saltoun Place Pub. S. | 200 | 140 | 85 | 8 | 2 | — | — | 95 | 2 | — | — | — | 6 7 0 | 0 4 5 | 6 11 5 |
| " | School Street Pub. S. | 67 | 68 | 56 | 6 | 1 | — | — | 63 | 3 | 1 | — | 1 | 5 1 0 | 0 2 2 | 5 3 2 |
| Garelochead | Pub. S. | 22 | 22 | 12 | 1 | — | — | — | 13 | 1 | — | — | — | 0 14 0 | Nil. | 0 14 0 |
| Gatehouse | Pub. S. | 24 | 24 | 14 | 4 | 1 | — | — | 19 | — | — | — | — | 1 5 0 | 0 2 2 | 1 7 2 |
| Girvan | First Burgh S. | 70 | 45 | 22 | 14 | 4 | — | — | 40 | 8 | — | — | — | 4 2 0 | 0 8 8 | 4 10 8 |
| " | Henrietta St. Par. S. | 54 | 30 | 18 | 6 | 2 | — | — | 26 | 2 | — | — | — | 2 16 0 | 0 4 4 | 3 0 4 |
| Glasgow | Bluevale Sess¹ S. | 154 | 115 | 56 | 5 | 1 | — | — | 62 | 5 | — | 1 | 1 | 4 19 0 | 0 12 3 | 5 11 3 |
| " | Bridgeton Par. S. | 140 | 79 | 78 | 4 | 2 | — | — | 84 | 7 | — | — | — | 5 12 0 | 0 4 4 | 5 16 4 |
| " | Calton Par. Sess¹. S. | 193 | 92 | 38 | 20 | 10 | 1 | — | 69 | 8 | 2 | 5 | 7 | 10 3 0 | 2 17 10 | 13 0 10 |
| " | Cathcart Street S. | 310 | 301 | 113 | 31 | 8 | — | — | 152 | 15 | 7 | 2 | 9 | 16 9 0 | 1 17 5 | 18 6 5 |
| " | Chalmer's Sess¹. S. | 140 | 91 | 85 | 7 | — | — | — | 92 | — | — | — | — | 5 19 0 | Nil. | 5 19 0 |
| " | College Sess¹. S. | 150 | 111 | 58 | 13 | 2 | — | — | 73 | 4 | 4 | — | — | 5 10 0 | 0 4 2 | 5 14 2 |
| " | Ch. of Scot. Normal S. | 869 | 622 | 491 | 90 | 28 | 4 | — | 613 | 14 | 10 | 2 | 12 | 45 15 0 | 5 1 5 | 50 16 5 |
| " | F. C. Normal S. | 338 | 266 | 137 | 80 | 23 | — | — | 240 | 12 | 4 | 1 | 5 | 22 6 0 | 3 0 9 | 25 6 9 |
| " | Gorbal's Youths' S. | 276 | 160 | 111 | 24 | 7 | — | — | 142 | 8 | 1 | — | — | 10 0 0 | 0 15 5 | 10 15 5 |
| " | Green St. S. | 340 | 298 | 129 | 25 | 9 | — | — | 163 | 6 | 2 | 1 | — | 11 6 0 | 1 9 4 | 12 15 4 |
| " | Highland Soc. S. | 270 | 228 | 144 | 53 | 24 | — | — | 221 | 14 | 4 | 1 | 5 | 19 12 0 | 3 2 4 | 22 14 4 |
| " | Kingston Sess¹. S. | 180 | 136 | 22 | 11 | 4 | — | — | 37 | 5 | 2 | — | 2 | 4 16 0 | 0 8 6 | 5 4 6 |
| " | Knightswood Acad. | 40 | 36 | 21 | 8 | 2 | — | — | 31 | — | — | — | — | 3 3 0 | 0 4 4 | 3 7 4 |
| " | Martyrs' Ch. of Scot. S. | 165 | 131 | 85 | 17 | 6 | — | — | 108 | 8 | — | — | — | 7 17 0 | 0 13 1 | 8 10 1 |
| " | Milton Est. Ch. S. | 205 | 113 | 66 | 15 | 4 | — | — | 85 | 8 | 2 | 1 | 3 | 8 8 0 | 0 14 2 | 9 2 2 |
| " | Murdoch's S. | 53 | 47 | 25 | 12 | 5 | — | — | 42 | — | — | — | — | 4 4 0 | 0 11 1 | 4 15 1 |
| " | Parkhead Sess¹. S. | 99 | 84 | 66 | 6 | 4 | — | — | 76 | 6 | — | — | — | 5 10 0 | 0 8 10 | 5 18 10 |
| " | Partick Acad. S. | 180 | 117 | 37 | 34 | 20 | — | — | 91 | 4 | 1 | 1 | 2 | 10 5 0 | 2 4 7 | 12 9 7 |
| " | Port Dundas S. | 180 | 145 | 75 | 31 | 5 | — | — | 111 | 2 | 1 | 1 | 2 | 9 12 0 | 1 1 2 | 10 13 2 |
| " | Pub. S., Anderston | 184 | 160 | 111 | 22 | 3 | — | — | 136 | 6 | 4 | — | 4 | 11 4 0 | 0 6 7 | 11 10 7 |
| " | " Bridgeton | 180 | 148 | 71 | 13 | 3 | — | — | 87 | 2 | — | — | — | 6 16 0 | 0 6 2 | 7 2 2 |
| " | " Buchan St. | 190 | 187 | 143 | 15 | 7 | — | — | 165 | — | — | — | — | 10 14 0 | 4 3 6 | 14 17 6 |
| " | " Carrick St. | 27 | 24 | 15 | 4 | 1 | — | — | 20 | — | — | — | — | 2 6 0 | 0 2 2 | 2 8 2 |
| " | " College St. | 110 | 86 | 47 | — | — | — | — | 47 | 12 | 1 | — | 1 | 3 17 0 | Nil. | 3 17 0 |
| " | " Dobbies Loan | 121 | 92 | 32 | 2 | 2 | — | — | 36 | 8 | 5 | 1 | 6 | 7 2 0 | 3 14 10 | 10 16 10 |
| " | " Finnieston | 180 | 152 | 95 | 45 | 5 | — | — | 145 | 7 | 1 | — | 1 | 11 10 0 | 0 11 2 | 12 1 2 |
| " | " Holm St. | 48 | 42 | 25 | 7 | 2 | — | — | 34 | 4 | 2 | — | 2 | 4 5 0 | 0 4 4 | 4 9 4 |
| " | " Hozier St. | 100 | 60 | 51 | 9 | — | — | — | 60 | 4 | 1 | — | — | 4 9 0 | Nil. | 4 9 0 |
| " | " Hutcheson-town, Rose St. | 350 | 354 | 157 | 46 | 12 | — | 1 | 216 | 15 | 5 | 1 | 6 | 18 10 0 | 2 5 4 | 20 15 4 |
| " | " Keppoch Hill | 40 | 30 | 7 | 1 | — | — | — | 8 | — | — | — | — | 0 9 0 | Nil. | 0 9 0 |
| " | " London Road | 77 | 66 | 17 | 2 | 1 | — | — | 20 | 5 | 1 | — | 1 | 2 14 0 | 3 17 0 | 6 11 0 |
| " | " Rockvilla | 40 | 30 | 15 | 6 | — | — | — | 21 | 5 | — | — | — | 2 7 0 | Nil. | 2 7 0 |
| " | " Shields Road | 191 | 146 | 86 | 10 | 5 | — | — | 101 | 7 | 3 | — | 3 | 8 11 0 | 1 16 9 | 10 7 9 |
| " | " St. Rollox | 152 | 129 | 120 | 9 | — | — | — | 129 | — | — | — | — | 7 18 0 | Nil. | 7 18 0 |
| " | St. David's Par. S. | 156 | 120 | 55 | 38 | 17 | 1 | — | 111 | 7 | 1 | 2 | 3 | 11 17 0 | 2 17 9 | 14 14 9 |
| " | St. Enoch's Sess¹. S. | 540 | 320 | 247 | 40 | 16 | — | — | 303 | — | — | — | — | 19 15 0 | 1 14 11 | 21 9 11 |
| " | St. George's Free S. | 84 | 59 | 32 | 21 | 2 | — | — | 55 | — | — | — | — | 5 0 0 | 0 4 4 | 5 4 4 |

## Instruction in Drawing in Elementary Day Schools—*continued.*

| Town. | Name of School. | Total No. of Children taught Drawing. | No. examined in 1st and 2nd Grades. | No. satisfactorily taught, 1st Grade. | No. showing proficiency, 1st Grade. | No. who excelled and obtained Prizes, 1st Grade. | No. of Children who passed in 2nd Grade. | No. of Children who obtained Prizes in 2nd Grade. | No. of Children on whom Payments were made. | No. of Pupil-teachers and paid Monitors examined. | No. of Pupil-teachers and paid Monitors passed. | No. of Pupil-teachers and paid Monitors who obtained Prizes. | No. of Pupil-teachers and paid Monitors on whom Payments were made. | Amount of Payments made to the School on account of Drawing. | Cost of Prizes and Examples. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | £ s. d. | £ s. d. | £ s. d. |
| Glasgow - - | St. George's Road S. - | 170 | 150 | 91 | 18 | 5 | — | — | 114 | 5 | 3 | 1 | 4 | 10 12 0 | 1 1 4 | 11 13 4 |
| „ - - | St. James' Sess$^{l}$. S. - | 110 | 98 | 39 | 30 | 14 | 1 | 2 | 83 | 3 | 2 | — | — | 8 1 0 | 2 10 11 | 10 11 11 |
| „ - - | St. John's (Annfield) Sess$^{l}$. S. | 214 | 178 | 101 | 32 | 16 | — | — | 149 | 6 | 1 | — | 1 | 12 3 0 | 1 15 4 | 13 18 4 |
| „ - - | St. John's S., David Street. | 210 | 160 | 129 | 23 | 6 | — | — | 158 | 5 | 2 | — | 2 | 11 13 0 | 0 13 0 | 12 6 0 |
| „ - - | „ Macfarlane Street. | 150 | 127 | 101 | 19 | 2 | — | — | 122 | 4 | — | — | — | 8 5 0 | 0 4 4 | 8 9 4 |
| „ - - | St. John's S., Young Street. | 200 | 183 | 145 | 15 | 4 | — | — | 164 | 8 | 4 | 3 | 7 | 15 17 0 | 1 13 1 | 17 10 1 |
| „ - - | St. Matthew's F. C. S. | 232 | 192 | 68 | 8 | 2 | — | — | 78 | 5 | — | — | — | 5 10 0 | 0 4 4 | 5 14 4 |
| „ - - | „ Sess$^{l}$. S. | 249 | 230 | 178 | 35 | 11 | 2 | — | 226 | 9 | 4 | 3 | 7 | 19 1 0 | 2 13 10 | 21 14 10 |
| „ - - | St. Mungo's R. C. S. - | 200 | 156 | 80 | 28 | 33 | 3 | 1 | 145 | 6 | 2 | 2 | 4 | 15 15 0 | 5 2 1 | 20 17 1 |
| „ - - | St. Paul's, Balfour S. | 177 | 160 | 90 | 6 | 4 | 1 | — | 101 | 6 | 2 | — | 2 | 8 9 0 | 0 8 8 | 8 17 8 |
| „ - - | „ Shuttle St. | 50 | 38 | 21 | 3 | 2 | — | — | 26 | — | — | — | — | 2 13 0 | 0 4 4 | 2 17 4 |
| „ - - | St. Stephen's Pub. S.- | 115 | 91 | 30 | 41 | 17 | 1 | — | 89 | — | — | — | — | 9 8 0 | 1 15 8 | 11 3 8 |
| „ - - | South Woodside S. - | 46 | 41 | 18 | 5 | 1 | — | — | 24 | 3 | — | — | — | 2 11 0 | 0 2 2 | 2 13 2 |
| „ - - | Townhead Est Ch. S. | 134 | 101 | 65 | 21 | 3 | — | — | 89 | 1 | 1 | — | 1 | 7 16 0 | 0 6 4 | 8 2 4 |
| Glengarnock - | Pub. S.- - - | 75 | 69 | 30 | 12 | 3 | — | — | 45 | 3 | 1 | 2 | 3 | 6 13 0 | 0 15 9 | 7 8 9 |
| Glenisla - - | „ - - - | 30 | 25 | 8 | 5 | 6 | — | — | 19 | — | — | — | — | 1 16 0 | 0 13 5 | 2 9 5 |
| Govan - - | „ Copeland Rd. | 98 | 91 | 41 | 10 | 3 | — | — | 54 | 6 | — | 1 | 1 | 5 0 0 | 4 12 3 | 9 12 3 |
| „ - - | „ Govan Road - | 320 | 291 | 182 | 29 | 8 | 1 | — | 220 | 8 | 1 | 1 | 2 | 15 9 0 | 1 7 8 | 16 16 8 |
| „ - - | „ Govanhill - | 130 | 90 | 48 | 9 | 3 | — | — | 60 | — | — | — | — | 4 15 0 | 4 0 7 | 8 15 7 |
| Govan - - | Pub. S., Kinning Park | 500 | 272 | 137 | 38 | 16 | — | — | 191 | 14 | 9 | 2 | 11 | 20 11 0 | 6 4 4 | 26 15 4 |
| „ - - | „ Partick, Anderson Street. | 270 | 189 | 160 | 26 | 3 | — | — | 189 | 8 | 3 | 1 | 4 | 14 1 0 | 5 19 4 | 20 0 4 |
| „ - - | „ Partick, Kelvin Street. | 158 | 90 | 52 | 3 | — | — | — | 55 | 2 | — | — | — | 3 18 0 | 2 7 5 | 6 5 5 |
| „ - - | „ Partick, Mirkland Street. | 120 | 60 | 30 | 4 | 1 | — | — | 35 | 4 | — | — | — | 3 1 0 | 3 7 0 | 6 8 0 |
| „ - - | „ St. Mary's Hall | 60 | 57 | 40 | 7 | — | — | — | 47 | — | — | — | — | 8 14 0 | 3 4 10 | 6 18 10 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Greenock - - | Charity S. - - | 120 | 81 | 60 | 14 | 6 | — | — | 80 | 3 | 1 | 2 | 3 | 7 | 16 | 0 | 1 | 12 | 6 | 9 | 8 | 6 |
| ,, - - | Crawfordsburn Pub. S. | 149 | 129 | 66 | 18 | 3 | — | — | 87 | 6 | 2 | — | 2 | 7 | 11 | 0 | 0 | 6 | 9 | 7 | 17 | 9 |
| ,, - - | Gaelic Par. S. - - | 114 | 104 | 58 | 14 | 1 | — | — | 73 | — | — | — | — | 5 | 9 | 0 | 0 | 2 | 2 | 5 | 11 | 2 |
| ,, - - | Highlander's Acad. - | 184 | 99 | 108 | 31 | 6 | 2 | — | 147 | 4 | 4 | — | 4 | 12 | 18 | 0 | 0 | 12 | 11 | 13 | 10 | 11 |
| ,, - - | Lynedoch St. Acad. - | 57 | 48 | 29 | 1 | — | — | — | 30 | — | — | — | — | 2 | 11 | 0 | Nil. | | | 2 | 11 | 0 |
| ,, - - | Mid. Par. S. - - | 106 | 95 | 46 | 12 | 4 | — | — | 62 | 3 | 1 | 2 | 3 | 6 | 12 | 0 | 1 | 8 | 2 | 8 | 0 | 2 |
| ,, - - | St. Andrew's Sq. Pub. S. | 444 | 136 | 42 | 11 | 12 | 1 | — | 66 | 3 | 2 | — | 2 | 7 | 5 | 0 | 1 | 6 | 5 | 8 | 11 | 5 |
| Haddington - | Pub. S. - - - | 63 | 52 | 26 | 11 | 5 | — | — | 42 | — | — | — | — | 4 | 3 | 0 | 0 | 10 | 11 | 4 | 13 | 11 |
| Hamilton - - | St. John's F. C. S. - | 197 | 187 | 65 | 26 | 17 | — | — | 108 | 3 | 1 | — | 1 | 9 | 18 | 0 | 1 | 17 | 3 | 11 | 15 | 3 |
| Hawick - - | Pub. S. - - - | 120 | 90 | 61 | 13 | 4 | — | — | 78 | 4 | 2 | 1 | — | 5 | 19 | 0 | 0 | 14 | 1 | 6 | 13 | 1 |
| Helmsdale - - | West Pub. S. - - | 42 | 31 | 27 | 3 | — | — | — | 30 | — | — | — | — | 2 | 13 | 0 | Nil. | | | 2 | 13 | 0 |
| Howwood - - | Pub. S. - - - | 40 | 30 | 11 | 4 | 1 | — | — | 16 | 1 | 1 | — | — | 1 | 2 | 0 | 0 | 2 | 2 | 1 | 4 | 2 |
| Huntly - - | ,, - - - | 88 | 61 | 25 | 22 | 4 | — | — | — | — | — | — | — | 1 | 0 | 0 | 0 | 8 | 8 | 1 | 8 | 8 |
| Hulford - - | Iron Works S. - | 147 | 92 | 62 | 23 | 4 | — | — | 89 | 3 | — | — | — | 7 | 0 | 0 | 0 | 8 | 8 | 7 | 8 | 8 |
| Inverness - - | Cathedral S. - - | 70 | 62 | 50 | 7 | 1 | — | — | 58 | 4 | — | — | — | 4 | 7 | 0 | 0 | 2 | 2 | 4 | 9 | 2 |
| ,, - - | Central Pub. S. - | 125 | 92 | 71 | 2 | — | — | — | 73 | 3 | — | — | — | 4 | 15 | 0 | Nil. | | | 4 | 15 | 0 |
| ,, - - | Farraline Park Inst. S. | 374 | 300 | 97 | 24 | 8 | — | — | 129 | 14 | 3 | — | 3 | 10 | 19 | 0 | 0 | 16 | 8 | 11 | 15 | 8 |
| ,, - - | High S. - - - | 209 | 180 | 81 | 22 | 11 | — | — | 114 | 2 | — | — | — | 8 | 18 | 0 | 1 | 4 | 0 | 10 | 2 | 0 |
| ,, - - | Merkinch Pub. S. - | 180 | 129 | 35 | 3 | 1 | — | — | 39 | 5 | 1 | 1 | 2 | 5 | 4 | 0 | 0 | 12 | 2 | 5 | 16 | 2 |
| ,, - - | Rainings S. - - | 150 | 123 | 48 | 11 | 5 | — | — | 64 | — | — | — | — | 5 | 5 | 0 | 0 | 10 | 8 | 5 | 15 | 8 |
| Irvine - - | Fullerton Pub. S. - | 64 | 53 | 28 | 15 | 4 | — | — | 47 | 1 | — | — | — | 4 | 10 | 0 | 0 | 8 | 8 | 4 | 18 | 8 |
| Jamestown - - | South Pub. S. - - | 60 | 43 | 25 | 5 | 2 | — | — | 32 | 4 | — | — | — | 3 | 1 | 0 | 0 | 4 | 4 | 3 | 5 | 4 |
| Johnshaven - - | Pub. S. - - - | 27 | 23 | 14 | 4 | 2 | — | — | 20 | 1 | 1 | — | — | 2 | 8 | 0 | 0 | 4 | 4 | 2 | 12 | 4 |
| Kilbride, East - | Pub. S. - - - | 100 | 79 | 27 | 11 | 5 | — | — | 43 | — | — | — | — | 4 | 4 | 0 | 0 | 10 | 10 | 4 | 14 | 10 |
| Kilmalcolm - - | Pub. S. - - - | 90 | 79 | 38 | 11 | 1 | — | — | 50 | — | — | — | — | 4 | 3 | 0 | 0 | 2 | 2 | 4 | 5 | 2 |
| Kilmarnock - - | Female Indus. S. - | 80 | 62 | 32 | 9 | 3 | — | — | 44 | 2 | 1 | — | 1 | 4 | 9 | 0 | 0 | 6 | 2 | 4 | 15 | 2 |
| ,, - - | Kay's S. - - - | 140 | 128 | 58 | 3 | — | — | — | 61 | — | — | — | — | 4 | 4 | 0 | Nil. | | | 4 | 4 | 0 |
| ,, - - | Rose's S. - - - | 160 | 137 | 83 | 15 | 7 | — | — | 105 | — | — | — | — | 7 | 14 | 0 | 0 | 14 | 10 | 8 | 8 | 10 |
| ,, - - | Wellington St. End. S. | 180 | 152 | 61 | 21 | 10 | — | — | 92 | — | — | — | — | 7 | 13 | 0 | 1 | 1 | 6 | 8 | 14 | 6 |
| Kilpatrick - - | Garscadden Pub. S. - | 50 | 39 | 26 | 9 | 3 | — | — | 38 | 5 | 2 | — | — | 3 | 13 | 0 | 0 | 6 | 6 | 3 | 19 | 6 |
| ,, New - | Pub. S. - - - | 40 | 37 | 23 | 8 | 6 | — | — | 37 | 1 | — | — | — | 3 | 17 | 0 | 0 | 13 | 0 | 4 | 10 | 0 |
| Kilwinning - - | Iron Wks. S., Eglinton | 84 | 72 | 38 | 16 | 6 | — | — | 60 | 5 | 1 | — | 1 | 5 | 18 | 0 | 0 | 12 | 6 | 6 | 10 | 6 |
| Kingussie - - | Pub. S. - - - | 75 | 66 | 15 | 6 | 2 | — | — | 22 | 1 | — | — | — | 2 | 10 | 0 | 0 | 4 | 5 | 2 | 14 | 5 |
| Kinnoull - - | Pub. S. - - - | 220 | 151 | 103 | 27 | 9 | 6 | 1 | 146 | 4 | 1 | 1 | 2 | 12 | 19 | 0 | 2 | 0 | 0 | 14 | 19 | 0 |
| Kinross - - | North Pub. S. - - | 46 | 7 | 6 | 1 | — | — | — | 7 | 5 | 1 | 1 | 2 | 1 | 8 | 0 | 0 | 10 | 6 | 1 | 18 | 6 |
| Kintore - - | Leylodge Bd. S. - | 18 | 39 | 15 | 2 | — | — | — | 17 | 1 | 1 | — | 1 | 1 | 9 | 0 | Nil. | | | 1 | 9 | 0 |
| Kirkintilloch - | S., Kerr Street, self-supporting. | 105 | 89 | 47 | 28 | 11 | — | — | 86 | 4 | 3 | — | 3 | 9 | 16 | 0 | 1 | 4 | 6 | 11 | 0 | 6 |
| Kirkliston - - | Pub. S. - - - | 75 | 66 | 46 | 6 | 2 | — | — | 54 | 2 | 1 | — | — | 4 | 4 | 0 | 0 | 4 | 4 | 4 | 8 | 4 |
| Lanark - - | St. Leonard's S. - | 53 | 53 | 39 | 9 | 2 | — | — | 50 | — | — | — | — | 4 | 3 | 0 | 0 | 4 | 4 | 4 | 7 | 4 |
| Langbank - - | Undercraig Pub. S. - | 30 | 25 | 16 | 5 | 2 | — | — | 23 | — | — | — | — | 2 | 12 | 0 | 0 | 4 | 5 | 2 | 16 | 5 |
| Larbert - - | Pub. S. - - - | 103 | 84 | 48 | 3 | 4 | — | — | 55 | 2 | 1 | — | — | 4 | 6 | 0 | 0 | 8 | 6 | 4 | 14 | 6 |
| ,, - - | Village S. - - - | 66 | 51 | 30 | 6 | 3 | — | — | 39 | 1 | 1 | — | 1 | 4 | 1 | 0 | 0 | 6 | 0 | 4 | 7 | 0 |
| Larkhall - - | Academy - - | 112 | 99 | 44 | 19 | 6 | — | — | 69 | 7 | 1 | — | 1 | 6 | 10 | 0 | 0 | 13 | 0 | 7 | 3 | 0 |

## Instruction in Drawing in Elementary Day Schools—*continued.*

| Town. | Name of School. | Total No. of Children taught Drawing. | No. examined in 1st and 2nd Grades. | No. satisfactorily taught, 1st Grade. | No. showing proficiency, 1st Grade. | No. who excelled and obtained Prizes, 1st Grade. | No. of Children who passed in 2nd Grade. | No. of Children who obtained Prizes in 2nd Grade. | No. of Children on whom Payments were made. | No. of Pupil-teachers and paid Monitors examined. | No. of Pupil-teachers and paid Monitors passed. | No. of Pupil-teachers and paid Monitors who obtained Prizes. | No. of Pupil-teachers and paid Monitors on whom Payments were made. | Amount of Payments made to the School on account of Drawing. | Cost of Prizes and Examples. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | £ s. d. | £ s. d. | £ s. d. |
| Laurencekirk | Pub. S. | 100 | 36 | 15 | 6 | 2 | — | — | 23 | 2 | 2 | — | 2 | 4 3 0 | 0 4 5 | 4 7 5 |
| Leith | St. James' Epis. S. | 130 | 159 | 85 | 11 | — | — | — | 96 | 5 | 1 | — | 1 | 6 17 0 | Nil. | 6 17 0 |
| Lilliesleaf | Pub. S. | 40 | 35 | 15 | 12 | 3 | — | — | 30 | 1 | — | — | — | 3 8 0 | 0 6 6 | 3 14 6 |
| ,, | Female Pub. S. | 35 | 22 | 12 | 3 | 6 | — | — | 21 | 1 | — | — | — | 2 16 0 | 0 13 0 | 3 9 0 |
| Logie Pert | Pub. S. | 36 | 23 | 8 | 9 | 6 | — | — | 23 | 1 | — | 1 | 1 | 3 14 0 | 1 3 7 | 4 17 7 |
| Linlithgow | Pub. S. | 35 | 26 | 16 | 9 | 1 | — | — | 26 | 3 | 3 | — | 3 | 4 7 0 | 0 2 2 | 4 9 2 |
| Lugar | Works, Ch. of Scotland | 66 | 49 | 24 | 11 | 8 | — | — | 43 | 2 | 1 | — | — | 4 10 0 | 0 17 8 | 5 7 8 |
| Lybster | Pub. S. | 40 | 40 | 16 | 4 | 1 | — | — | 21 | — | — | — | — | 2 7 0 | 0 2 2 | 2 9 2 |
| Macduff | Duff St. Pub. S. | 93 | 82 | 51 | 23 | 10 | — | — | 84 | — | — | — | — | 7 7 0 | 3 16 8 | 11 3 8 |
| ,, | Shand St. Pub. S. | 130 | 15 | 8 | 5 | 2 | — | — | 15 | — | — | — | — | 1 4 0 | 0 4 4 | 1 8 4 |
| Maryculter | Pub. S. | 40 | 32 | 18 | 3 | 3 | — | — | 24 | — | — | — | — | 2 13 0 | 0 6 6 | 2 19 6 |
| Marykirk | Pub. S. | 50 | 22 | 11 | 5 | 5 | — | — | 18 | — | — | — | — | 2 11 0 | 0 11 1 | 3 2 1 |
| Maybole | Pub. S. | 68 | 61 | 37 | 14 | 3 | — | — | 54 | 2 | — | — | — | 4 14 0 | 0 6 9 | 5 0 9 |
| ,, | West Ch. S. | 100 | 63 | 39 | 5 | 2 | — | — | 46 | — | — | — | — | 3 15 0 | 0 4 4 | 3 19 4 |
| Meigle | Eassie Pub. S. | 60 | 55 | 47 | 1 | — | — | — | 48 | — | — | — | — | 3 9 0 | Nil. | 3 9 0 |
| Midmar | Pub. S. | 40 | 34 | 19 | 7 | 1 | — | — | 27 | — | — | — | — | 2 16 0 | 0 2 0 | 2 18 0 |
| Milngavie | Hall S. | 68 | 80 | 35 | 5 | 5 | — | — | 45 | 2 | — | — | — | 4 0 0 | 0 11 2 | 4 11 2 |
| Monikie | Bankhead Pub. S. | 37 | 28 | 24 | 4 | — | — | — | 28 | — | — | — | — | 2 12 0 | Nil. | 2 12 0 |
| Moodiesburn | Pub. S. | 80 | 58 | 28 | 11 | 5 | — | — | 44 | 1 | — | 1 | 1 | 5 5 0 | 1 0 9 | 6 5 9 |
| Muirkirk | Iron Works S. | 90 | 77 | 33 | 4 | — | — | — | 37 | 4 | — | — | — | 3 1 0 | Nil. | 3 1 0 |
| Murthly | Pub. S. | 19 | 18 | 9 | 3 | 2 | — | — | 14 | — | — | — | — | 1 1 0 | 0 4 4 | 1 5 4 |
| Newmains | Coltness Iron Works S. | 166 | 136 | 70 | 35 | 25 | — | — | 130 | — | — | — | — | 11 15 0 | 2 15 2 | 14 10 2 |
| Newmilns | Pub. S. | 49 | 46 | 24 | 4 | 2 | — | — | 30 | 4 | 1 | — | 1 | 3 18 0 | 0 4 4 | 4 2 4 |
| Newport | Pub. S. | 100 | 82 | 48 | 19 | 6 | 4 | — | 77 | 3 | — | 1 | 1 | 7 14 0 | 1 3 3 | 8 17 3 |
| Overtown | Coltness Iron Works S. | 73 | 59 | 36 | 12 | 5 | — | — | 53 | — | — | — | — | 4 15 0 | 0 10 10 | 5 5 10 |
| Paisley | Bd. S., Carbrook St. | 80 | 50 | 28 | 3 | 1 | — | — | 32 | 4 | 1 | — | 1 | 3 7 0 | 0 2 2 | 3 9 2 |
| ,, | ,, Causeyside St. | 90 | 60 | 26 | 6 | 1 | — | — | 38 | 4 | 3 | — | 3 | 4 11 0 | 0 2 2 | 4 13 2 |
| ,, | ,, George St. | 130 | 131 | 84 | 12 | 4 | — | — | 100 | 8 | 3 | 1 | 4 | 9 0 0 | 0 19 0 | 9 19 0 |
| ,, | ,, Marshals Lane | 100 | 86 | 45 | 23 | 3 | — | — | 71 | 6 | 1 | — | 1 | 6 10 0 | 0 6 6 | 6 16 6 |

| | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| " - - | " New Sneddon St. | 81 | 45 | 30 | 5 | 2 | — | — | 37 | 1 | — | — | — | 3 6 0 | 0 4 4 | 3 10 4 | | | | |
| " - - | " Stevenson St. | 100 | 68 | 45 | 10 | 2 | — | — | 57 | 6 | — | 1 | 1 | 5 1 0 | 0 15 0 | 5 16 0 | | | | |
| " - - | " Thread St. - | 70 | 42 | 18 | 5 | 3 | — | — | 26 | 2 | — | — | — | 2 17 0 | 2 10 9 | 5 7 9 | | | | |
| " - - | Neilson Educ[l]. Inst. - | 350 | 274 | 128 | 81 | 27 | 4 | 4 | 244 | 5 | 3 | — | 3 | 23 1 0 | 4 18 8 | 27 19 8 | | | | |
| " - - | Quarrelton Par. - | 104 | 90 | 39 | 20 | 9 | — | 3 | 71 | 4 | 1 | 2 | 3 | 8 11 0 | 3 9 1 | 12 0 1 | | | | |
| Pathhead - - | Pub. S. - - - | 47 | 41 | 24 | 8 | 8 | 1 | — | 41 | 1 | — | 1 | 1 | 5 9 0 | 1 7 6 | 6 16 6 | | | | |
| Perth - - | Fechney Indus. S. - | 120 | 63 | 43 | 7 | 2 | — | — | 6 | — | — | — | — | 1 7 0 | 0 4 4 | 1 11 4 | | | | |
| " - - | Pub. S., South St. - | 90 | 69 | 28 | 19 | 4 | — | — | 51 | 4 | 2 | 1 | 3 | 6 8 0 | 0 14 1 | 7 2 1 | | | | |
| " - - | " South William St. | 180 | 163 | 99 | 13 | 2 | — | — | 114 | 4 | 3 | 1 | 4 | 9 11 0 | 9 4 4 | 18 15 4 | | | | |
| " - - | " Stormont St. | 73 | 36 | 13 | 12 | — | — | — | 25 | 3 | 1 | 1 | 2 | 3 17 0 | 0 10 0 | 4 7 0 | | | | |
| " - - | " Watergate - | 84 | 76 | 31 | 13 | 5 | — | — | 49 | 4 | 3 | — | 3 | 6 2 0 | 0 10 10 | 6 12 10 | | | | |
| " - - | " Western Dist. | 150 | 126 | 70 | 19 | 6 | — | — | 95 | 4 | 3 | 1 | 4 | 9 6 0 | 1 2 10 | 10 8 10 | | | | |
| " - - | Sharp's Educ[l]. Inst. - | 300 | 254 | 177 | 98 | 52 | 7 | 4 | 238 | — | — | — | — | 25 4 0 | 7 6 11 | 32 10 11 | | | | |
| " - - | Stewart's Free S. - | 100 | 85 | 49 | 9 | 3 | 3 | 2 | 39 | 2 | 1 | — | — | 3 12 0 | 1 7 1 | 4 19 1 | | | | |
| Polbokshaws - | Academy - - | 100 | 83 | 52 | 17 | 10 | — | — | 79 | 2 | 1 | — | 1 | 7 6 0 | 0 19 6 | 8 5 6 | | | | |
| Port Glasgow - | Academy Place Pub. S. | 72 | 34 | 23 | 5 | 2 | — | — | 30 | — | — | — | — | 2 19 0 | 0 4 4 | 3 3 4 | | | | |
| " - | King Street Pub. S. - | 60 | 53 | 35 | 8 | 2 | — | — | 45 | — | — | — | — | 3 17 0 | 0 4 5 | 4 1 5 | | | | |
| " - | Princess St. Pub. S. - | 89 | 80 | 45 | 16 | 3 | — | — | 64 | 3 | 3 | — | 3 | 6 16 0 | 0 6 2 | 7 2 2 | | | | |
| Queensferry - | S. Burgh Pub. S. - | 120 | 101 | 35 | 6 | — | — | — | 41 | 2 | — | 1 | 1 | 4 7 0 | 0 10 6 | 4 17 6 | | | | |
| Renfrew - - | Gram. S. - - | 70 | 66 | 41 | 6 | 4 | — | — | 51 | — | — | — | — | 4 5 0 | 0 8 8 | 4 13 8 | | | | |
| " - - | High St. (Old Burgh S.). | 90 | 84 | 38 | 14 | 1 | — | — | 53 | 2 | 2 | — | 2 | 5 9 0 | 0 2 2 | 5 11 2 | | | | |
| Ronsay (Orkney) - | Pub. S. - - - | 14 | 13 | 6 | 4 | 2 | 1 | — | 13 | 1 | — | — | — | 1 5 0 | 0 4 4 | 1 9 4 | | | | |
| Rothesay - | Academy Pub. S. - | 212 | 179 | 75 | 29 | 12 | — | — | 116 | 1 | 1 | — | 1 | 9 19 0 | 1 5 2 | 11 4 2 | | | | |
| Ruthvenfield - | S. - - - | 30 | 21 | 12 | 6 | 2 | — | — | 20 | — | — | — | — | 2 10 0 | 0 4 4 | 2 14 4 | | | | |
| Selkirk - - | Burgh (Pub.) S. - | 110 | 91 | 54 | 11 | 3 | — | — | 68 | — | — | — | — | 5 5 0 | 1 0 4 | 6 5 4 | | | | |
| " - - | Gram. (Pub.) S. - | 50 | 40 | 33 | 6 | 1 | — | — | 40 | — | — | — | — | 3 8 0 | 0 14 10 | 4 2 10 | | | | |
| Shotts - | Wilson's Endowed S. | 160 | 140 | 77 | 22 | 4 | 3 | 1 | 107 | 4 | 3 | — | 3 | 11 3 0 | 0 18 10 | 12 1 10 | | | | |
| Sinclairtown - | Pub. S. - - - | 68 | 46 | 27 | 16 | 2 | — | — | 45 | 3 | — | 2 | 2 | 6 5 0 | 1 4 2 | 7 9 2 | | | | |
| Slamannan - | F. C. S. - - | 98 | 65 | 25 | 9 | 5 | — | — | 39 | 3 | 2 | 1 | 3 | 5 8 0 | 1 1 0 | 6 9 0 | | | | |
| Stormontfield - | Pub. S. - - - | 26 | 22 | 5 | 13 | 4 | — | — | 22 | — | — | — | — | 3 3 0 | 0 8 8 | 3 11 8 | | | | |
| Stromness - - | Pub. S. - - - | 13 | 11 | 3 | 2 | 5 | — | — | 10 | 2 | 2 | — | 2 | 2 2 0 | 0 11 3 | 2 13 3 | | | | |
| Tarbolton - - | Pub. S. - - - | 70 | 54 | 23 | 14 | 7 | — | — | 44 | 4 | 4 | — | 4 | 6 12 0 | 0 14 10 | 7 6 10 | | | | |
| Thornliebank - | S. - - - | 105 | 87 | 23 | 9 | 1 | — | — | 33 | 3 | 1 | 2 | 3 | 4 14 0 | 1 3 2 | 5 17 2 | | | | |
| Tillicoultry - | Pub. S. - - - | 40 | 40 | 33 | 6 | 1 | — | — | 40 | — | — | — | — | 3 8 0 | 4 7 5 | 7 15 5 | | | | |
| Wemyss. East - | F. C. S. - - - | 41 | 27 | 15 | 8 | — | — | — | 23 | 2 | — | — | — | 2 11 0 | Nil. | 2 11 0 | | | | |
| Whitburn - - | Benhar S. - - - | 75 | 67 | 40 | 11 | 16 | — | — | 67 | 2 | 1 | — | — | 6 10 0 | 1 15 1 | 8 5 1 | | | | |
| Whiteinch - - | North St. Sess[l]. S. - | 160 | 133 | 45 | 15 | 8 | — | — | 68 | 4 | 2 | — | — | 5 19 0 | 0 17 5 | 6 16 5 | | | | |
| Wilkieston - - | Epis. S. - - - | 60 | 35 | 16 | 13 | 5 | — | — | 34 | 1 | — | 1 | — | 4 17 0 | 0 16 1 | 5 13 1 | | | | |
| " - - | Pub. S. - - - | 90 | 65 | 28 | 7 | 2 | — | — | 37 | 3 | — | — | 1 | 3 8 0 | 0 4 4 | 3 12 4 | | | | |
| Wishaw - - | Academy - - | 106 | 79 | 46 | 20 | 3 | — | — | 69 | 2 | — | — | — | 5 15 0 | 0 6 7 | 6 1 7 | | | | |
| " - - | Cambusnethan Pub. S. | 133 | 119 | 48 | 44 | 26 | — | — | 105 | 5 | 4 | — | — | 10 10 0 | 2 17 2 | 13 7 2 | | | | |
| " - - | Pub. S. - - - | 220 | 159 | 55 | 55 | 40 | — | — | 150 | 4 | 2 | 1 | 3 | 17 5 0 | 9 14 4 | 26 19 4 | | | | |
| Woodside - - | Pub. S. - - - | 250 | 157 | 79 | 26 | 5 | — | — | 110 | 8 | 1 | 4 | 5 | 11 16 0 | 2 11 11 | 14 7 11 | | | | |



S

## Instruction in Drawing in Elementary Day Schools—*continued.*

| Town. | Name of School. | Total No. of Children taught Drawing. | No. examined in 1st and 2nd Grades. | No. satisfactorily taught, 1st Grade. | No. showing proficiency, 1st Grade. | No. who excelled and obtained Prizes, 1st Grade. | No. of Children who passed in 2nd Grade. | No. of Children who obtained Prizes in 2nd Grade. | No. of Children on whom Payments were made. | No. of Pupil-teachers and paid Monitors examined. | No. of Pupil-teachers and paid Monitors passed. | No. of Pupil-teachers and paid Monitors who obtained Prizes. | No. of Pupil-teachers and paid Monitors on whom Payments were made. | Amount of Payments made to the School on account of Drawing. | Cost of Prizes and Examples. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | £ s. d. | £ s. d. | £ s. d. |
| **IRELAND.** | | | | | | | | | | | | | | | | |
| Artane | Indus. S. | 104 | 100 | 30 | 27 | 9 | — | — | 66 | 4 | 1 | 1 | 2 | 7 11 0 | 1 10 0 | 9 1 0 |
| Bailieboro' | Model S. | 190 | 144 | 83 | 25 | 12 | 4 | 3 | 47 | 15 | 5 | — | 5 | 13 14 0 | 2 5 10 | 15 19 10 |
| Belfast | N. Model S. | 669 | 444 | 186 | 126 | 32 | — | — | 344 | 35 | 21 | 4 | 25 | 46 4 0 | 5 10 0 | 51 14 0 |
| Carrickfergus | N. Model S. | 160 | 96 | 45 | 26 | 8 | — | — | 79 | 2 | 2 | — | 2 | 8 1 0 | 0 17 4 | 8 18 4 |
| Castleknock | Par. S. | 46 | 33 | 25 | 1 | 1 | 1 | — | 27 | — | — | — | — | 2 10 0 | 0 2 0 | 2 12 0 |
| Clonmel | Chris. Bros. S. | 30 | 30 | 8 | 11 | 7 | — | — | 26 | — | — | — | — | 3 11 0 | 0 15 2 | 4 6 2 |
| „ | Dist. Model S. | 139 | 104 | 51 | 12 | 5 | — | — | 68 | 10 | 6 | 2 | 8 | 10 10 0 | 1 10 4 | 12 0 4 |
| Cork | Ragged S. | 27 | 27 | 6 | 2 | 4 | — | — | 12 | — | — | — | — | 1 2 0 | 0 8 7 | 1 10 7 |
| Downpatrick | N. S. | 130 | 73 | 36 | 16 | 3 | — | — | 55 | — | — | — | — | 4 17 0 | 0 6 7 | 5 3 7 |
| Dublin | Central N. Model S. | 330 | 297 | 117 | 87 | 15 | 1 | 1 | 221 | 2 | 6 | — | 6 | 21 6 0 | 4 0 5 | 25 6 5 |
| „ | Christian Brothers' S. (James' Street). | 125 | 100 | 42 | 13 | 6 | — | — | 61 | — | — | — | — | 5 6 0 | 0 12 9 | 5 18 9 |
| „ | Church Educ. Soc. Model S. | 260 | 141 | 49 | 27 | 6 | — | — | 82 | — | — | — | — | 7 1 0 | 0 16 6 | 7 17 6 |
| „ | Ralph Macklin's S. | 72 | 59 | 18 | 4 | 1 | — | — | 23 | — | — | — | — | 2 9 0 | 0 2 2 | 2 11 2 |
| „ | St. Mary's Par. S. | 40 | 30 | 14 | 3 | — | — | — | 17 | 1 | — | — | — | 1 0 0 | Nil. | 1 0 0 |
| „ | St. Paul's Christian Bros. S. | 180 | 112 | 24 | 5 | 1 | — | — | 30 | — | — | — | — | 2 17 0 | 0 2 2 | 2 19 2 |
| „ | St. Vincent de Paul Orphan S. | 100 | 88 | 43 | 23 | 7 | — | — | 73 | 4 | 3 | — | 3 | 8 0 0 | 0 15 2 | 8 15 2 |
| „ | United Par. (St. Nicholas, &c.) S. | 100 | 56 | 30 | 4 | 2 | — | — | 36 | — | — | — | — | 3 4 0 | 0 4 2 | 3 8 2 |
| Hillsborough | Boys' S. | 53 | 37 | 13 | 6 | 2 | 1 | — | 21 | — | — | — | — | 2 11 0 | 0 4 2 | 2 15 2 |
| Magherafelt | Pub. S. | 25 | 25 | 18 | 5 | 6 | — | — | 24 | — | — | — | — | 3 1 0 | 0 13 1 | 3 14 1 |
| Newtownards | N. S. | 170 | 120 | 56 | 26 | 14 | — | — | 96 | 21 | 8 | 2 | 10 | 13 10 0 | 2 11 4 | 16 1 4 |
| Parsonstown | Convent S. | 96 | 66 | 29 | 20 | 4 | 1 | 1 | 53 | 7 | 5 | 2 | — | 5 1 0 | 6 4 11 | 11 5 11 |
| Queenstown | N. S. | 64 | 43 | 17 | 10 | 2 | — | — | 27 | — | — | — | — | 3 0 0 | 0 4 5 | 3 4 5 |
| Sligo | St. Mary's R. C. S. | 198 | 168 | 63 | 41 | 16 | — | — | 120 | — | — | — | — | 10 13 0 | 1 13 6 | 12 6 6 |
| Waterford | N. S. | 125 | 74 | 38 | 19 | 9 | — | 1 | 67 | 11 | 5 | 1 | 6 | 9 18 0 | 1 19 8 | 11 17 8 |

## UNITED KINGDOM.

| — | Total No. of Children taught Drawing. | No. examined in 1st and 2nd Grades. | No. satisfactorily taught, 1st Grade. | No. showing proficiency, 1st Grade. | No. who excelled and obtained Prizes, 1st Grade. | No. of Children who passed in 2nd Grade. | No. of Children who obtained Prizes in 2nd Grade. | No. of Children on whom Payments were made. | No. of Pupil-teachers and paid Monitors examined. | No. of Pupil-teachers and paid Monitors passed. | No. of Pupil-teachers and paid Monitors who obtained Prizes. | No. of Pupil-teachers and paid Monitors on whom Payments were made. | Amount of Payments made to the School on account of Drawing. | Cost of Prizes and Examples. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Totals for 1875, 2,944 Schools | 387,640 | 274,850 | 149,561 | 44,426 | 13,055 | 552 | 157 | 202,704 | 7,858 | 2,103 | 546 | 2,297 | £ 17,663 12 0 | £ 2,239 13 1 | £ 19,903 5 1 |
| „ 1874, 2,373 Schools | 290,425 | 211,141 | 115,301 | 39,287 | 12,193 | 482 | 219 | 166,593 | 6,622 | 1,822 | 837 | 2,337 | 15,181 19 0 | 2,341 7 10 | 17,523 6 10 |
| „ 1873, 2,074 Schools | 237,733 | 166,175 | 89,356 | 22,812 | 14,390 | 417 | 227 | 136,419 | 5,219 | 1,483 | 820 | 1,988 | 13,040 8 0 | 2,487 9 4 | 15,527 17 4 |
| „ 1872, 1,770 Schools | 194,549 | 130,778 | 71,031 | 23,875 | 10,204 | 382 | 251 | 104,021 | 4,743 | 978 | 701 | 1,441 | 9,964 7 0 | 1,552 11 1 | 11,516 18 1 |
| „ 1871, 1,534 Schools | 166,456 | 114,767 | 48,290 | 22,047 | 10,266 | 338 | 198 | 80,842 | 3,325 | 771 | 455 | 1,074 | 8,156 18 0 | 1,573 1 4 | 9,729 19 4 |
| „ 1870, 1,359 Schools | 147,243 | 99,690 | 40,811 | 25,258 | 7,272 | 273 | 136 | 70,957 | 2,682 | 588 | 348 | 830 | 7,266 8 0 | 1,197 3 2 | 8,463 11 2 |
| „ 1869, 1,094 Schools | 120,928 | 82,451 | 29,576 | 19,724 | 6,123 | 214 | 110 | 55,309 | 1,879 | 481 | 268 | 697 | 5,682 17 0 | 1,203 12 11 | 6,886 9 11 |
| „ 1868, 778 Schools | 93,713 | 58,721 | 22,272 | 17,433 | 7,295 | 130 | 78 | 46,702 | 1,280 | 434 | 246 | 647 | 4,911 10 0 | 1,394 1 11 | 6,305 11 11 |
| „ 1867, 588 Schools | 79,411 | 42,894 | 15,405 | 9,973 | 4,007 | — | — | 29,385 | 1,045 | 274 | 180 | 454 | 3,081 2 0 | 419 7 5 | 3,500 9 5 |
| „ 1866, 560 Schools | 80,084 | 45,520 | 17,896 | 8,323 | 3,650 | — | — | 29,869 | 954 | 198 | 142 | 340 | 2,894 13 0 | 609 16 8 | 3,504 9 8 |

Appendix C.
EXAMINATION OF TRAINING COLLEGES.

3. RESULTS of the EXAMINATIONS held in the DIOCESAN and other TRAINING COLLEGES, for CERTIFICATES in DRAWING, November and December 1875.—(TABLE B.)

| Name of Training College. | Students. | | Pupil-Teachers and Teachers. | | No. of Candidates who obtained Prizes. | No. of Certificates granted. | Payments on Results. | Cost of Prizes and Examples. | Total. |
|---|---|---|---|---|---|---|---|---|---|
| | No. Examined. | No. Successful. | No. Examined. | No. Successful. | | | | | |
| I. (*For Masters only.*) | | | | | | | £ s. d. | £ s. d. | £ s. d. |
| Bangor (British and Foreign Sch. Society's). | 56 | 45 | 2 | 1 | 19 | 14 | 21 0 0 | 8 3 2 | 29 3 2 |
| Battersea (National Society's). | 50 | 39 | 49 | 27 | 15 | 36 | 9 0 0 | 5 12 10 | 14 12 10 |
| Borough Road (British and Foreign School Society's). | 87 | 71 | 31 | 23 | 14 | 48 | 16 10 0 | 6 3 4 | 22 13 4 |
| Carmarthen (National Society's). | 52 | 44 | 16 | 11 | 9 | 24 | 18 10 0 | 4 6 10 | 22 16 10 |
| Carnarvon (Church of England). | 40 | 29 | 2 | 1 | 12 | 5 | 6 0 0 | 5 11 10 | 11 11 10 |
| Chelsea, St. Mark's (National Society's). | 97 | 75 | 81 | 56 | 24 | 65 | 27 10 0 | 7 4 11 | 34 14 11 |
| Cheltenham (Church of England). | 75 | 55 | 12 | 6 | 14 | 27 | 12 0 0 | 6 3 0 | 18 3 0 |
| Chester (Diocesan) . | 90 | 55 | 23 | 14 | 16 | 22 | 18 0 0 | 6 6 7 | 24 6 7 |
| Culham (Oxford Diocesan) | 63 | 52 | 7 | 4 | 21 | 23 | 25 0 0 | 9 17 4 | 34 17 4 |
| Durham (Diocesan) . | 58 | 42 | 28 | 14 | 13 | 19 | 9 0 0 | 8 12 2 | 17 12 2 |
| Exeter (Diocesan) . | 52 | 42 | 23 | 20 | 13 | 23 | 6 10 0 | 8 2 6 | 14 12 6 |
| Hammersmith, St. Mary's (Roman Catholic). | 59 | 34 | 11 | 8 | 8 | 9 | 5 0 0 | 4 0 2 | 9 0 2 |
| Peterborough (Church of England). | 44 | 31 | 20 | 12 | 12 | 9 | — | 4 14 11 | 4 14 11 |
| Saltley, near Birmingham (Worcester Diocesan). | 75 | 53 | 54 | 28 | 16 | 37 | 25 10 0 | 7 1 8 | 32 11 8 |
| Westminster (Wesleyan) | 107 | 71 | 34 | 21 | 10 | 34 | 12 0 0 | 4 11 4 | 16 11 4 |
| Winchester (Diocesan) . | 49 | 44 | 14 | 9 | 25 | 22 | 24 0 0 | 10 13 8 | 34 13 8 |
| York (Diocesan). . . | 60 | 40 | 45 | 28 | 11 | 21 | 2 0 0 | 5 1 6 | 7 1 6 |
| II. (*For Mistresses only.*) | | | | | | | | | |
| Aberdeen (Church of Scotland). | 63 | 28 | 1 | — | 5 | 3 | 1 10 0 | 6 2 10 | 7 12 10 |
| „ (Free Church) | 37 | 15 | 3 | 3 | 2 | 4 | 1 0 0 | 0 19 4 | 1 19 4 |
| Bishop's Stortford (Rochester Diocesan). | 47 | 14 | — | — | 1 | — | — | 2 9 0 | 2 9 0 |
| Brighton (Chichester Diocesan). | 64 | 21 | 7 | 5 | 5 | 4 | — | 2 1 0 | 2 1 0 |
| Bristol, Gloucester, and Oxford (Diocesan). | 78 | 27 | 16 | 14 | 4 | 13 | — | 1 18 8 | 1 18 8 |
| Cheltenham (Church of England). | 55 | 30 | 2 | 1 | 4 | 2 | — | 2 2 0 | 2 2 0 |
| Chichester (Diocesan) . | 16 | 12 | 1 | 1 | 4 | 2 | — | 1 19 10 | 1 19 10 |
| Darlington (British and Foreign Sch. Society's). | 59 | 45 | 1 | 1 | 11 | 8 | 6 0 0 | 5 7 3 | 11 7 3 |
| Derby (Lichfield Diocesan). | 40 | 18 | — | — | 3 | 1 | 2 0 0 | 2 4 10 | 4 4 10 |
| Durham (Diocesan) . | 69 | 35 | 5 | 3 | 8 | 3 | 1 10 0 | 3 15 3 | 5 5 3 |
| Edinburgh (Lochrin House Scottish Episcopal). | 50 | 21 | — | — | 2 | 2 | 3 0 0 | 2 13 1 | 5 13 1 |
| Gray's Inn Road (Home and Colonial Society's). | 157 | 88 | 15 | 8 | 22 | 11 | 11 0 0 | 7 11 8 | 18 11 8 |
| Lincoln (Diocesan) . | 39 | 28 | 5 | 1 | 6 | 4 | 4 0 0 | 2 18 0 | 6 18 0 |
| Liverpool (Roman Catholic). | 120 | 75 | 30 | 18 | 11 | 22 | 18 10 0 | 6 17 1 | 25 7 1 |
| Norwich (Diocesan) . | 59 | 25 | 11 | 4 | 7 | 5 | 4 10 0 | 3 5 9 | 7 15 9 |

## Results of the Examination, &c.—*cont.*

| Name of Training College. | Students. | | Pupil-Teachers and Teachers. | | No. of Candidates who obtained Prizes. | No. of Certificates granted. | Payments on Results. | Cost of Prizes and Examples. | Total. |
|---|---|---|---|---|---|---|---|---|---|
| | No. Examined. | No. Successful. | No. Examined. | No. Successful. | | | £ s. d. | £ s. d. | £ s. d. |
| Oxford (Diocesan) . | 27 | 7 | 2 | — | 1 | — | — | 0 9 1 | 0 9 1 |
| Ripon (York and Ripon Diocesan). | 63 | 27 | 13 | 6 | 3 | 8 | — | 0 18 0 | 0 18 0 |
| Salisbury (Diocesan) . | 77 | 34 | 1 | 1 | 6 | 1 | 2 0 0 | 3 1 7 | 5 1 7 |
| Southlands, Battersea (Wesleyan). | 103 | 68 | 19 | 12 | 15 | 16 | 15 0 0 | 5 7 9 | 20 7 9 |
| Stockwell (British and Foreign Sch. Society's). | 120 | 86 | 42 | 23 | 19 | 21 | 12 10 0 | 9 5 9 | 21 15 9 |
| Swansea (British and Foreign Sch. Society's). | 54 | 37 | 4 | 1 | 8 | 3 | — | 3 14 11 | 3 14 11 |
| Truro (Exeter Diocesan) | 41 | 8 | 15 | 9 | 3 | 6 | 1 10 0 | 0 9 1 | 1 19 1 |
| Wandsworth (Roman Catholic). | 35 | 11 | 3 | 2 | 4 | — | — | 1 0 0 | 1 0 0 |
| Warrington (Chester Diocesan). | 113 | 52 | 5 | 3 | 6 | 7 | 6 10 0 | 2 17 7 | 9 7 7 |
| Whitelands (National Society's). | 119 | 74 | 30 | 11 | 23 | 10 | 6 0 0 | 8 8 8 | 14 8 8 |
| III. (*For both Masters and Mistresses.*) | | | | | | | | | |
| Edinburgh, Castle Hill Terrace (Church of Scotland). | 184 | 86 | 2 | 2 | 18 | 11 | 18 0 0 | 6 15 7 | 24 15 7 |
| Edinburgh, Moray House (Free Church). | 178 | 84 | 24 | 14 | 25 | 26 | 20 0 0 | 10 10 9 | 30 10 9 |
| Glasgow, Dundas Vale (Church of Scotland). | 213 | 130 | 17 | 10 | 40 | 36 | 23 0 0 | 15 9 6 | 38 9 6 |
| Glasgow (Free Church) . | 218 | 118 | 18 | 12 | 38 | 27 | 18 10 0 | 13 19 8 | 32 9 8 |
| Homerton (Congregational). | 41 | 29 | 8 | 5 | 11 | 12 | 15 0 0 | 4 1 9 | 19 1 9 |
| Totals for 1875 . . | 3,653 | 2,155 | 752 | 453 | 567 | 706 | 428 10 0 | 250 3 0 | 678 13 0 |
| „ for 1874 . . | 3,475 | 2,406 | 709 | 477 | 810 | 711 | 504 10 0 | 351 7 9 | 855 17 9 |
| „ for 1873 . . | 3,419 | 2,481 | 636 | 417 | 1,027 | 636 | 504 0 0 | 411 15 4 | 915 15 4 |
| „ for 1872 . . | 3,105 | 2,102 | 524 | 332 | 929 | 457 | 385 10 0 | 382 7 6 | 767 17 6 |
| „ for 1871 . . | 2,676 | 1,714 | 330 | 196 | 647 | 299 | 277 0 0 | 237 8 0 | 514 8 0 |
| „ for 1870 . . | 2,418 | 1,715 | 331 | 208 | 672 | 386 | 385 0 0 | 317 3 8 | 702 3 8 |
| „ for 1869 . . | 2,101 | 1,486 | 260 | 191 | 644 | 271 | 246 10 0 | 242 5 4 | 488 15 4 |
| „ for 1868 . . | 2,035 | 1,590 | 187 | 137 | 595 | 252 | 275 0 0 | 253 2 0 | 528 2 0 |

## 4. List of Night Classes for Drawing aided by the Science and Art Department, 1875.

B. means British. Bd. „ Board. C. E. „ Church of England. Ch. „ Church.
Cong. means Congregational. End. „ Endowed. F. C. „ Free Church.
Inst. means Institute. Lit. „ Literary. Mech. „ Mechanics.
N. means National. Par. „ Parish. Presb. „ Presbyterian.
Pub. means Public. S. „ School. Sc. „ Science.
Sess. means Sessional. Soc. „ Society. Wes. „ Wesleyan.

| Town | Where held | Secretary | Teacher | Number under Instruction in Drawing | 2nd Grade Examination. Number examined | 2nd Grade Examination. Number successful | 2nd Grade Examination. No. who obtained Prizes | 3rd Grade Examination. No. of Students who sent up Works | 3rd Grade Examination. No. of Works sent up | 3rd Grade Examination. No. of Artisans on whose works payments were claimed | 3rd Grade Examination. No. who obtained Prizes. 2nd Grade | 3rd Grade Examination. No. who obtained Prizes. 3rd Grade | Amount of Payments on the Results of the Examination | Aid on account of Prizes, Examples, &c. | Total Aid to Class | Town |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | £ s. d. | £ s. d. | £ s. d. | |
| **ENGLAND.** | | | | | | | | | | | | | | | | |
| **Bedford.** | | | | | | | | | | | | | | | | |
| Dunstable | Ashton S. | Howell, F. | Wire, A. P. | 9 | 7 | 1 | — | 5 | 24 | 4 | — | — | 1 8 0 | 5 14 1 | 7 2 1 | Dunstable. |
| Leighton Buzzard. | Hockliffe Rd. Rooms | Page, W. S. | Lewis, E. W. | 18 | 10 | 3 | 1 | — | — | — | — | — | 0 10 0 | 0 10 0 | 1 0 0 | Leighton Buzzard. |
| Luton | Town Hall | Rew, Jas. | Knight, A. | 20 | 16 | 8 | 2 | 17 | 83 | 11 | — | — | 6 4 0 | 1 1 0 | 7 5 0 | Luton. |
| **Berks.** | | | | | | | | | | | | | | | | |
| Faringdon | B. S. | Barnes, Wm. | Fewings, J. A. | 11 | 4 | 3 | 1 | 11 | 19 | 10 | — | — | 4 13 0 | 0 7 10 | 5 0 10 | Faringdon. |
| Windsor | Templars' Hall | — | Hiscox, G. D. | 64 | 57 | 23 | 5 | 17 | 48 | 17 | 2 | — | 20 9 0 | 3 11 8 | 24 0 8 | Windsor. |
| **Bucks.** | | | | | | | | | | | | | | | | |
| Aylesbury | End. S. | Mountain, Rev. J. | Dumas, J. | 10 | 7 | — | — | 5 | 5 | 5 | — | — | 1 1 0 | — | 1 1 0 | Aylesbury. |
| High Wycombe | Girls' Nat. S. | Lucas, Thos. | Tottle, G. | 21 | 30 | 15 | 3 | 31 | 362 | 28 | — | — | 14 1 0 | 1 8 5 | 15 9 5 | High Wycombe. |
| Olney | N. S. | Hare, Jno. | Clark, S. | 25 | 21 | 7 | 2 | 8 | 8 | 3 | — | — | 1 19 0 | 4 2 8 | 6 1 8 | Olney. |
| Slough | Mech. Inst. | Brown, E. | Hiscox, G. D. | 60 | 52 | 11 | 2 | — | — | — | — | — | 5 0 0 | 3 1 9 | 8 1 9 | Slough. |
| Wendover | N. S. | Punchard, Rev. E. G. | Fleming, A. G. | 2 | 1 | — | — | 4 | 5 | 4 | — | — | 1 11 0 | — | 1 11 0 | Wendover. |
| Wolverton | Sc. and Art Inst. | King, R. | Jordan, Thos. | 39 | 26 | 11 | 2 | 11 | 47 | 11 | 1 | — | 8 8 0 | 1 10 10 | 9 18 10 | Wolverton. |
| **Cambs.** | | | | | | | | | | | | | | | | |
| Newmarket | St. Mary's N. S. | Ennion, T. | Turner, J. | 34 | 21 | 7 | 2 | 20 | 56 | 18 | — | — | 7 1 0 | 6 11 5 | 13 12 5 | Newmarket. |
| Wisbeach | Work. Men's Inst. | Dann, Jas. | Miller, S. H | 24 | 29 | 17 | 4 | 4 | 10 | 4 | — | — | 6 3 0 | 2 10 7 | 8 13 7 | Wisbeach. |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **CHESHIRE.** | | | | | | | | | | | | | | | | | | |
| Altrincham | Lit. Inst. | Cliffe, Jno. | Meadows, H. | 59 | 32 | 9 | — | 37 | 159 | 30 | 1 | — | 15 18 0 | 0 10 2 | 16 8 2 | Altrincham. |
| Chester | S. Pauls, Boughton | Upcher, Rev. A. R. | Johnson, W. | 25 | 14 | 5 | — | 9 | 19 | 9 | — | — | 5 11 0 | — | 5 11 0 | Chester. |
| Crewe | Mech. Inst. | Stapley, R. C. | Craister, W.<br>Dain, G. E. | 82 | 55 | 15 | 8 | 74 | 287 | 58 | 2 | — | 19 5 0 | 2 5 9 | 21 10 9 | Crewe. |
| Marple | Albert S. | Hartley, Thos. | Kirby, J. | 21 | 12 | 4 | 1 | 15 | 84 | 10 | — | — | 3 16 0 | 0 10 6 | 4 6 6 | Marple. |
| Stockport | Ch. Inst. | Tatton, G. F. | Rathbone, T. H. | 13 | 4 | 1 | — | — | — | — | — | — | — | — | — | Stockport. |
| Whaleybridge | Horwich Bank Educl. Inst. | Bagley, J. C. | Sutcliffe, J. | 15 | 16 | 4 | 1 | 11 | 57 | 11 | — | — | 4 19 0 | 8 12 1 | 13 11 1 | Whaley-bridge. |
| „ | Band of Hope Hall | | | 12 | 8 | 2 | — | — | — | — | — | — | | | | |
| **CORNWALL.** | | | | | | | | | | | | | | | | | | |
| Calstock | N. S. | Sayres, Rev. E. H. C. | Rosekilly, J. | 12 | 22 | 9 | — | — | — | — | — | — | 0 10 0 | — | 0 10 0 | Calstock. |
| Falmouth | Polytechnic Inst. | Treweeke, W. | Pennell, C. J.<br>Tresidder, W. H. | 42 | 26 | 11 | 3 | 28 | 43 | 26 | — | — | 14 11 0 | 1 1 0 | 15 12 0 | Falmouth. |
| Gunnislake | Board S. | Crocker, Thos. E. | James, C. | 5 | 5 | 3 | — | — | — | — | — | — | 1 10 0 | — | 1 10 0 | Gunnislake. |
| Helston | Grammar S. | Hocking, Thos. | Hosking, J. H. | 34 | 22 | 6 | 1 | 16 | 79 | 12 | — | — | 6 6 0 | 7 9 1 | 13 15 1 | Helston. |
| Launceston | Grammar S. | Cawse, M. | Wise, C. H. | 8 | 6 | 1 | — | — | — | — | — | — | 0 10 0 | — | 0 10 0 | Launceston. |
| Liskeard | Lit. Inst. | Jewell, C. W. | Babb, H. R. | 20 | 20 | 5 | 1 | 11 | 84 | 10 | — | — | 3 1 0 | 0 10 0 | 3 11 0 | Liskeard. |
| Penryn | Town Hall | Gill, J. | Lovey, E. | 51 | 31 | 13 | 7 | 31 | 55 | 28 | 1 | — | 25 4 0 | 4 1 9 | 29 5 9 | Penryn. |
| S. Columb | Boys N. S. | Parks, C. H. | Cock, J. | 11 | 7 | 2 | 1 | 6 | 57 | 6 | — | — | 2 17 0 | 0 10 0 | 3 7 0 | S. Columb. |
| Torpoint | Wes. S. | Shepheard, J. | Phillips, E. R. | 9 | 8 | 4 | — | — | — | — | — | — | 1 10 0 | — | 1 10 0 | Torpoint. |
| **CUMBERLAND.** | | | | | | | | | | | | | | | | | | |
| Penrith | Boys' N. S. | Tyson, R. A. | Wilson, S. | 17 | 13 | 5 | 1 | 11 | 61 | 10 | — | — | 4 8 0 | 0 8 0 | 4 16 0 | Penrith. |
| **DERBY.** | | | | | | | | | | | | | | | | | | |
| Chesterfield | St. Helen's St. Bd. S. | Booth, G. | Francis, E. | 18 | 16 | 1 | — | — | — | — | — | — | 0 10 0 | — | 0 10 0 | Chesterfield. |
| Codnor | Butterley Co.'s S., Jessop St. | Corfield, F. C. | Pine, W. F. | 16 | 14 | 6 | 2 | 14 | 106 | 12 | — | — | 6 4 0 | 0 19 3 | 7 3 3 | Codnor. |
| Derby | Bd. S., Gerard St. | Cooper, W. | Strongman, B. | 35 | 28 | 11 | 6 | 26 | 214 | 24 | — | — | 12 2 0 | 7 11 1 | 19 13 1 | Derby. |
| „ | Diocesan S., Friar Gate. | Holden, Rev. J. S. | Hammond, P. J. | 33 | 26 | 12 | 6 | 33 | 441 | 20 | — | — | 12 3 0 | 2 14 5 | 14 17 5 | „ |
| „ | St. Andrew's | Hey, Rev. R. | Powell, T. | 43 | 63 | 25 | 8 | 15 | 94 | 15 | — | — | 7 14 0 | 2 18 3 | 10 12 3 | „ |
| Duffield | Endowed S. | Holmes, Major A. W. | Simmonds, T. C.<br>Smith, A. | 23 | 3 | — | — | 10 | 73 | 6 | 1 | — | 1 13 0 | 1 0 0 | 2 13 0 | Duffield. |
| Eckington | Board S. | Booth, R. | Ascough, W. | 13 | 17 | 8 | 2 | 9 | 75 | 9 | — | — | 9 19 0 | 1 1 0 | 11 0 0 | Eckington. |
| Heanor | Butterley Co.'s S., Langley Mill. | Corfield, F. C. | Turner, T. N. | 29 | 10 | 5 | 2 | 14 | 110 | 13 | — | — | 8 7 0 | 0 17 3 | 9 4 3 | Heanor. |

## List of Night Classes for Drawing, &c.—*cont.*

| Town. | Where held. | Secretary. | Teacher. | Number under Instruction in Drawing. | 2nd Grade Examination. | | | 3rd Grade Examination. | | | | | Amount of Payments on the Results of the Examination. | | | Aid on account of Prizes, Examples, &c. | | | Total Aid to Class. | | | Town. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Number examined. | Number successful. | No. who obtained Prizes. | No. of Students who sent up Works. | No. of Works sent up. | No. of Artisans on whose works payments were claimed. | No. who obtained Prizes. 2nd Grade. | No. who obtained Prizes. 3rd Grade. | | | | | | | | | | |
| | | | | | | | | | | | | | £ | *s.* | *d.* | £ | *s.* | *d.* | £ | *s.* | *d.* | |
| Ilkeston - | N. S. - - - | Bourne, Chas. H. | Tyrer, J. S. - | 42 | 22 | 9 | 3 | 37 | 149 | 36 | 2 | — | 18 | 16 | 0 | 2 | 9 | 1 | 21 | 5 | 1 | Ilkeston. |
| „ - - | B. S., Bath St. - | Crockett, W. N. - | Daykin, H. F. - | 13 | 10 | 1 | — | 10 | 44 | 10 | — | — | 2 | 12 | 0 | — | | | 2 | 12 | 0 | „ |
| Matlock Bath | Parade - - - | Howe, W. E. - | Simmonds, T. C. - - / Cook, J. T. - | 68 | 43 | 17 | 4 | 65 | 634 | 44 | 3 | — | 24 | 3 | 0 | 4 | 9 | 2 | 28 | 12 | 2 | Matlock Bath. |
| Melbourne - | N. S. - - - | Wilson, A. - - | Simmonds, T. C. - - / Cook, J. T. - | 33 | 16 | 5 | 2 | 29 | 294 | 20 | 6 | — | 10 | 17 | 0 | 2 | 12 | 7 | 13 | 9 | 7 | Melbourne. |
| Milford - - | B. S. - - - | Holmes, Major A. W. | Vale, G. - - | 16 | 12 | 8 | 1 | 8 | 54 | 8 | — | — | 6 | 2 | 6 | 0 | 10 | 0 | 6 | 12 | 6 | Milford. |
| Riddings - | Mut. Imp. Assoc. - | Briggs, Jos. - - | Shardlaw, J. T. | 42 | 27 | 11 | 4 | 20 | 140 | 20 | — | — | 13 | 3 | 0 | 1 | 19 | 8 | 15 | 2 | 8 | Riddings. |
| Ridgeway - | Bd. S. - - - | Fisher, S. - - | Horrox, W. - | 16 | 10 | 1 | — | 10 | 57 | 9 | — | — | 3 | 5 | 0 | — | | | 3 | 5 | 0 | Ridgeway. |
| Ripley - - | Outram St. S. - | Corfield, F. C. - | Brown, Geo. - | 30 | 23 | 6 | 1 | — | — | — | — | — | 3 | 0 | 0 | 0 | 5 | 3 | 3 | 5 | 3 | Ripley. |
| Wirksworth - | Gram. S. - - | Kingdon, J. F. - | Simmonds, T. C. - - / Cook, J. T. - | 32 | 17 | 10 | 5 | 30 | 412 | 23 | 3 | 2 | 11 | 11 | 0 | 5 | 1 | 2 | 16 | 12 | 2 | Wirksworth. |
| DEVON. | | | | | | | | | | | | | | | | | | | | | | |
| Ashburton - | Acad., East St. - | Wortley, Lieut. C. | Curnow, J. - | 30 | 19 | 6 | 1 | 21 | 107 | 14 | — | — | 6 | 6 | 0 | 1 | 17 | 4 | 8 | 3 | 4 | Ashburton. |
| Barnstaple - | Lit. Inst. - - | Bull, Rev. H. J. - | Maunder, S. G. - | 85 | 60 | 31 | 4 | 62 | 549 | 60 | — | 1 | 35 | 7 | 0 | 2 | 7 | 8 | 37 | 14 | 8 | Barnstaple. |
| Bideford - | B. S. - - - | Rooker, W. S. - | Maunder, S. G. - | 63 | 44 | 19 | — | 46 | 370 | 40 | — | — | 21 | 3 | 0 | — | | | 21 | 3 | 0 | Bideford. |
| Crediton - | Hayward's Charity | Inch, H. - - | Price, H. S. - | 52 | 34 | 9 | 1 | 38 | 371 | 37 | — | — | 14 | 3 | 0 | 0 | 8 | 0 | 14 | 11 | 0 | Crediton. |
| Devonport - | B. S., St. John St. - | Lamb, W. J. - | Gosling, J. W. - | 36 | 13 | 8 | 1 | 17 | 52 | 17 | — | — | 9 | 0 | 0 | 0 | 11 | 10 | 9 | 11 | 10 | Devonport. |
| „ - | Chapel S., Haddington Rd. | Goldsmith, J. P. - | Clark, R. G. - | 29 | 5 | 1 | — | 2 | 5 | 2 | — | — | 1 | 6 | 0 | — | | | 1 | 6 | 0 | „ |
| „ - | Mech. Inst. - - | Goldsmith, J. P. - | Babb, H. R. - | 94 | 63 | 28 | 2 | 95 | 1122 | 92 | 5 | 3 | 56 | 14 | 4 | 8 | 12 | 9 | 65 | 7 | 1 | „ |
| „ - | Keyham, St. James' N. S. - | Bullen, Rev. J. A. | Wonnacott, J. / Good, T. W. - | 166 | 94 | 56 | 8 | 70 | 641 | 70 | 2 | 6 | 69 | 17 | 0 | 7 | 18 | 7 | 77 | 15 | 7 | „ |
| „ - | Stonehouse, Market St. N. S. | Hare, W. C. - - | Trethewy, T. J. | 46 | 30 | 3 | — | 1 | 2 | 1 | — | — | 2 | 5 | 0 | — | | | 2 | 5 | 0 | „ |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Exeter | Central S., Rack St. | Lee, Rev. S. | Pinn, J. G. | 21 | 17 | 4 | 1 | 21 | 151 | 19 | — | — | 8 5 6 | 0 9 4 | | 8 14 10 | Exeter. |
| „ | Paris St. S. | Mortimer, W. | Price, H. S. | 7 | — | — | — | 7 | 20 | 7 | — | — | 1 7 0 | — | | 1 7 0 | „ |
| „ | Wes. S., Mint Lane | Stone, F. W. | Hill, H. | 18 | 15 | 1 | — | 18 | 219 | 18 | — | — | 6 7 0 | — | | 6 7 0 | „ |
| „ | St. Thomas', Cowick St., Bd. S. | Champion, J. | Henley, W. T. | 18 | 9 | 6 | 3 | 18 | 124 | 10 | — | — | 7 11 0 | 1 11 0 | | 9 2 0 | „ |
| Exmouth | Parade S. | Carter, E. J. | Price, H. S. | 31 | 19 | 8 | — | 32 | 271 | 32 | — | — | 13 14 0 | — | | 13 14 0 | Exmouth. |
| Holsworthy | Wes. S. | Griffey, J. | Manchester, T. | 12 | 4 | — | — | 11 | 53 | 10 | — | — | 1 16 0 | — | | 1 16 0 | Holsworthy. |
| Ilfracombe | Par. Ch. S. | Slade-King, E., M.D. | Maunder, S. G. | 72 | 41 | 19 | 5 | 66 | 912 | 48 | 1 | 1 | 27 8 0 | 10 9 7 | | 37 17 7 | Ilfracombe. |
| Northam | N. S. | Charlewood, Rear Admiral E. P. | Pegden, F. J. | 26 | 14 | 4 | — | 15 | 129 | 15 | — | — | 6 13 0 | — | | 6 13 0 | Northam. |
| North Molton | N. S. | Spicer, R. H. J. | Lucas, W. | 8 | 3 | 2 | 1 | — | — | — | — | — | 0 10 0 | 0 5 3 | | 0 15 3 | N. Molton. |
| Plymouth | Charles Sc. and A. S., Shaftesbury Cottages. | | Andrews, T. N. | 28 | 18 | 3 | 1 | 28 | 261 | 25 | — | — | 8 19 0 | 0 10 6 | | 9 9 6 | Plymouth. |
| „ | Public Free S. | | Jago, C. S. / Jago, E. M. | 113 | 54 | 30 | 2 | 47 | 224 | 41 | 4 | 3 | 37 18 0 | 4 13 4 | | 42 11 4 | „ |
| „ | St. Andrew's S. | | Andrews, T. N. | 28 | 34 | 7 | — | 13 | 21 | 13 | — | — | 6 16 0 | — | | 6 16 0 | „ |
| „ | Sc. and A. Coll., Buckland Terrace | Cawse, J. H. M. | Evers, H. / Andrews, T. N. | 110 | 60 | 17 | 1 | 110 | 1008 | 80 | — | 4 | 48 13 6 | 2 11 0 | | 51 4 6 | „ |
| „ | Sc. and A. S., Courtenay St. | | Babb, H. R. | 92 | 55 | 31 | 8 | 91 | 932 | 87 | 10 | 6 | 62 1 10 | 15 18 11 | | 78 0 9 | „ |
| „ | Sutton on Plym N. S. | | Trethewy, T. J. | 54 | 28 | 7 | 1 | — | — | — | — | — | 4 10 0 | 3 17 4 | | 8 7 4 | „ |
| St. Mary Church | Inch's Rooms | Simon, Max | Bedford, G. | 43 | 22 | 10 | — | 29 | 155 | 24 | — | — | 11 9 0 | — | | 11 9 0 | St. Mary Ch. |
| Totnes | Bd. S. | Tucker, E. M. | Curnow, J. | 47 | 20 | 5 | 2 | 27 | 226 | 21 | — | — | 6 19 0 | 0 14 6 | | 7 13 6 | Totnes. |
| DORSET. | | | | | | | | | | | | | | | | | |
| Sherborne | S. Thomas a Becket's S. | Miller, Wm. | Treglohan, T. P. | 11 | 47 | 26 | 8 | 14 | 124 | 11 | — | — | 9 10 0 | 7 19 8 | | 17 9 8 | Sherborne. |
| Weymouth | The Barracks | Ransome, Rev. V. F. | Hoffert, H. | 9 | 4 | 3 | — | 4 | 20 | 4 | — | — | 2 8 0 | — | | 2 8 0 | Weymouth. |
| DURHAM. | | | | | | | | | | | | | | | | | |
| Barnard Castle | Mech. Inst. | Monkhouse, Jno. | Bailey, G. H. | 29 | 12 | 4 | 4 | 8 | 66 | 7 | — | — | 6 16 0 | 1 14 10 | | 8 10 10 | Barnard Castle. |
| „ | Wes. S. | Badcock, Jno. | Taylor, R. | 31 | 16 | 6 | 2 | 22 | 166 | 22 | — | — | 9 13 11 | 0 15 0 | | 10 8 11 | „ |
| Birtley | N. S. | Birleson, Thos. | Borrows, H. | 18 | 16 | 7 | 3 | 24 | 396 | 20 | 1 | 3 | 26 4 0 | 2 18 9 | | 29 2 9 | Birtley. |
| Bishop Auckland | Mech. Inst. | Jobson, J. F. | Borrows, H. / Taylor, I. W. | 37 | 58 | 29 | 9 | 34 | 403 | 30 | 2 | 2 | 24 16 0 | 8 11 3 | | 33 7 3 | Bishop Auckland. |
| Darlington | Railway Inst. | Oliver, I. C. | Wigham, C. / Askwith, W. | 18 | 6 | — | — | 9 | 26 | 7 | — | — | 1 16 0 | 12 11 4 | | 14 7 4 | Darlington. |
| „ | Wes. S. | Bowman, J. | Poole, Jos. | 18 | 14 | 5 | 1 | 17 | 277 | 17 | — | — | 14 11 0 | 0 10 0 | | 15 1 0 | „ |
| Hebburn | S. Andrew's Inst. | Webster, W. M. | Smith, J. | 11 | 4 | 3 | — | 19 | 161 | 16 | — | 1 | 12 4 0 | 0 8 6 | | 12 12 6 | Hebburn. |

## List of Night Classes for Drawing, &c.—*cont.*

| Town. | Where held. | Secretary. | Teacher. | Number under Instruction in Drawing. | 2nd Grade Examination. | | | 3rd Grade Examination. | | | | | Amount of Payments on the Results of the Examination. | Aid on account of Prizes, Examples, &c. | Total Aid to Class. | Town. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Number examined. | Number successful. | No. who obtained Prizes. | No. of Students who sent up Works. | No. of Works sent up. | No. of Artisans on whose works payments were claimed. | No. who obtained Prizes. 2nd Grade. | No. who obtained Prizes. 3rd Grade. | | | | |
| | | | | | | | | | | | | | £ s. d. | £ s. d. | £ s. d. | |
| Seaham Harbour. | Girls' N. S. - - | Richardson, John | Smith, Jno. - | 28 | 7 | — | — | 33 | 314 | 18 | 1 | — | 5 5 0 | 0 10 2 | 5 15 2 | Seaham Harbour. |
| Stockton-on-Tees - - | Fine Art Class, Skinner St. | Benington, Geo. - | Watson, J. W. - | 53 | 27 | 10 | 3 | 36 | 95 | 33 | 7 | 1 | 19 0 0 | 5 7 7 | 24 7 7 | Stockton-on-Tees. |
| " - | South Stockton Mech. Inst. - | Watson, J. - | Watson, J. W. - / Hutchison, J. | 13 | — | — | — | 7 | 57 | 6 | — | — | 2 5 0 | — | 2 5 0 | " |
| Sunderland - | Milton House Academy. | Wood, Peter - | Grainger, G. W. | 15 | 1 | 1 | — | 5 | 24 | 5 | 1 | — | 1 19 0 | 0 9 1 | 2 8 1 | Sunderland. |
| " - | Bishop Wearmouth, Rectory Park N. S. | Ainslie, W. - - | Card, T. G. - | 50 | 33 | 12 | 1 | 40 | 1012 | 40 | — | — | 19 16 0 | 0 10 6 | 20 6 6 | " |
| ESSEX. | | | | | | | | | | | | | | | | |
| Colchester - | Lit. Inst. - - | Chignell, A. C. - | Hocking, E. C. - | 22 | 13 | 6 | 2 | 6 | 36 | 6 | 1 | — | 5 9 0 | 1 4 11 | 6 13 11 | Colchester. |
| Halstead - | Lit. and Mech. Inst. | Hughes, R. L. - | Yerbury, W. - | 22 | 18 | 9 | 1 | 13 | 57 | 13 | — | — | 4 14 0 | 0 8 0 | 5 2 0 | Halstead. |
| Stratford - | Buxton College - | Pardon, Wm. - | Saunders, J. - | 75 | 46 | 10 | 2 | 59 | 1213 | 37 | — | — | 14 11 0 | 3 7 9 | 17 18 9 | Stratford. |
| Walthamstow | Boys' N. S. - - | Read, J. F. H. - | Holding, A. - | 67 | 45 | 17 | 4 | 42 | 378 | 22 | — | — | 17 17 0 | 4 11 11 | 22 8 11 | Walthamstow. |
| GLOUCESTER. | | | | | | | | | | | | | | | | |
| Bristol - - | Brit. S., Redcross St. | Poole, Rev. R. B. - | Hopton, G. - | 56 | 7 | 5 | 2 | 43 | 172 | 28 | — | — | 10 5 0 | 0 19 4 | 11 4 4 | Bristol. |
| " - - | Counterslip Brit. S. | Poole, Rev. R. B. - | Plant, E. C. - / Plant, A. W. - / Leworthy, J. L. - | 44 | 33 | 12 | 1 | 25 | 94 | 25 | 1 | — | 36 19 8 | 1 19 0 | 38 19 0 | " |
| " - - | Russell Town Brit. S. - - | Sommerville, J. F. | Philpott, A. T. - - / Whippey, J. - | 56 | 39 | 11 | 4 | 50 | 1152 | 38 | — | — | 17 9 0 | 10 19 1 | 28 8 1 | " |
| " - - | Trade and Mining Schools - | Exley, Jno. - - | Gandee, A. G. / Welsh, J. - | 90 | 71 | 23 | 5 | 17 | 260 | 17 | 2 | — | 11 14 0 | 4 4 7 | 15 18 7 | " |
| " - | Bedminster Boys' N. S. | Capel, Rev. H. B. | Foss, Geo. L. - | 7 | 3 | 1 | — | — | — | — | — | — | 0 10 0 | — | 0 10 0 | " |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cheltenham | Ch. Ch. N. S. | Middleton, J. | Biffen, H. J. | 38 | 7 | 2 | — | 29 | 88 | 26 | — | — | 7 11 0 | — | — | 7 11 0 | Cheltenham. |
| „ | Par. Ch. Boys' S. | Ward, Rev. R. | Wheeler, F. F. / Biffen, H. J. | 119 | 37 | 7 | 1 | 85 | 149 | 72 | — | 1 | 28 1 0 | 1 1 0 | 29 2 0 | „ |
| „ | St. John's N. S. | Hodson, Lieut.-Col. C. W. | Platt, S. H. | 37 | 15 | 4 | 1 | 29 | 66 | 24 | — | — | 11 14 0 | 4 0 0 | 15 14 0 | „ |
| „ | Wkg. Men's Club | Williams, W. E. | Ensor, E. | 59 | 26 | 7 | — | 35 | 263 | 23 | — | — | 8 9 0 | — | 8 9 0 | „ |
| Kingswood | Brit. S. | Monk, J. | Ellery, A. | 18 | 9 | 4 | 3 | 11 | 101 | 11 | — | — | 7 17 0 | 1 10 6 | 9 7 6 | Kingswood. |
| „ | S. Michael's S. | Dix, J. W. S. | Norsworthy, J. W. H. | 5 | 4 | 2 | — | 4 | 10 | 3 | — | — | 1 15 0 | — | 1 15 0 | „ |
| Shirehampton | N. S. | Mansfield, Rev. A. | Wedmore, J. | 11 | 9 | 4 | — | 9 | 221 | 9 | — | — | 6 10 0 | — | 6 10 0 | Shirehampton. |
| Tewkesbury | N. S. | Edgell, E. W. | Winters, E. S. | 33 | 27 | 8 | 1 | 25 | 62 | 20 | 1 | — | 9 5 0 | 2 19 11 | 12 4 11 | Tewkesbury. |
| **HANTS.** | | | | | | | | | | | | | | | | | |
| Cowes (East) | N. S. | Whyley, Rev. F. | Holland, T. | 28 | 22 | 13 | 2 | 28 | 236 | 28 | 3 | — | 24 17 0 | 6 17 8 | 31 14 8 | Cowes (East). |
| Cowes (West) | St. Mary's Inst. | Barrow, R. | Holland, T. | 35 | 26 | 11 | 3 | 32 | 289 | 27 | 6 | — | 32 5 0 | 3 15 5 | 36 0 5 | „ (West). |
| Newport | N. S. | Watts, Rev. E. W. | Ediss, W. K. | 8 | 7 | 2 | 1 | — | — | — | — | — | 1 10 0 | 0 10 0 | 2 0 0 | Newport. |
| Portsea | St. John's | Blundell, G. E. | Harding, A. C. | 91 | 60 | 33 | 7 | 90 | 1203 | 87 | 2 | — | 64 14 0 | 4 3 6 | 68 17 6 | Portsea. |
| **HEREFORD.** | | | | | | | | | | | | | | | | | |
| Hereford | Free Library | Paden, R. | Winters, E. S. | 57 | 33 | 13 | 5 | 26 | 91 | 20 | — | — | 13 15 0 | 2 10 0 | 16 5 0 | Hereford. |
| **HERTFORDSHIRE.** | | | | | | | | | | | | | | | | | |
| Barnet (New) | Par. Sch. | Palmer, Rev. F. W. H. | Bush, G. | 32 | 25 | 12 | — | — | — | — | — | — | 5 0 0 | 2 5 8 | 7 5 8 | Barnet (New). |
| Berkhampstead. | Mech. Inst. | Nash, H. | Talbot, A. | 25 | 20 | 7 | — | 24 | 141 | 23 | — | — | 13 10 0 | — | 13 10 0 | Berkhampstead. |
| Hemel Hempstead. | N. S. | Payne, R. | Sweeting, E. | 30 | 16 | 11 | 1 | — | — | — | — | — | 4 0 0 | 3 18 0 | 7 18 0 | Hemel Hempstead. |
| Hitchin | St. Mary's Nat. Sch. | Hensley, Rev. L. | Must, R. A. | 45 | 28 | 15 | 2 | 19 | 165 | 18 | — | — | 18 0 2 | 1 0 6 | 19 0 8 | Hitchin. |
| St. Albans | Town Hall & Br. Sc. | Lanaway, H. | Brash, T. L. | 24 | 16 | 8 | 1 | 14 | 209 | 11 | — | — | 7 8 0 | 0 10 0 | 7 18 0 | St. Albans. |
| Stevenage | N. S. | Brooke, Rev. C. | Snook, F. W. | 27 | 12 | 9 | — | — | — | — | — | — | 4 10 0 | — | 4 10 0 | Stevenage. |
| **HUNTINGDONSHIRE.** | | | | | | | | | | | | | | | | | |
| Huntingdon | Walden's Sch. | Westbrook, Rev. F. S. | Pascoe, J. | 19 | 21 | 8 | 4 | 23 | 203 | 22 | 2 | — | 8 18 0 | 2 14 10 | 11 12 10 | Huntingdon. |
| **KENT.** | | | | | | | | | | | | | | | | | |
| Ashford | Brit. Sch. | Turner, A. | Jarvis, W. | 20 | 15 | 8 | 3 | 15 | 448 | 15 | — | — | 8 12 0 | 0 19 10 | 9 11 10 | Ashford. |
| Bromley | Mason's Hill Sch. | Smith, A. G. | Puckett, R. C. | 60 | 40 | 27 | 7 | 30 | 330 | 18 | 4 | 1 | 13 16 0 | 13 9 10 | 27 5 10 | Bromley |
| Chatham | Old Brompton Lecture Theatre. | Hamilton, Capt. A.C., R.E. | Law, J. | 86 | 20 | 8 | 3 | 3 | 9 | 3 | — | — | 5 18 0 | 6 16 7 | 12 14 7 | Chatham. |

## List of Night Classes for Drawing, &c.—*cont.*

| Town. | Where held. | Secretary. | Teacher. | Number under Instruction in Drawing. | 2nd Grade Examination. | | | 3rd Grade Examination. | | | | | Amount of Payments on the Results of the Examination. | Aid on account of Prizes, Examples, &c. | Total Aid to Class. | Town. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Number examined. | Number successful. | No. who obtained Prizes. | No. of Students who sent up Works. | No. of Works sent up. | No. of Artisans on whose works payments were claimed. | No. who obtained Prizes. 2nd Grade. | No. who obtained Prizes. 3rd Grade. | | | | |
| | | | | | | | | | | | | | £ s. d. | £ s. d. | £ s. d. | |
| Chatham | St. Mark's, New Brompton | Hogg, David | Betts, E. W. / Murphy, Mrs. E. | 26 | 18 | 8 | 2 | 14 | 224 | 13 | — | — | 9 15 0 | 0 6 10 | 10 1 10 | Chatham. |
| " | St. Mary's, Military Road. | Griffith, John J. | Betts, E. W. | 20 | 13 | 4 | 2 | 11 | 142 | 11 | 1 | — | 8 17 0 | 1 8 8 | 10 5 8 | " |
| Deptford | St. Paul's | Barber, W. | Philips, G. | 28 | 17 | 7 | — | 5 | 92 | 5 | — | — | 7 14 0 | — | 7 14 0 | Deptford. |
| Dover | Alexandrovna Rooms | Blackman, Thos. | Marsh, C. H. C. / Horsley, M. | 35 | 17 | 8 | 2 | 22 | 254 | 20 | — | — | 11 16 0 | 1 1 0 | 12 17 0 | Dover. |
| Faversham | Inst. | Smith, Chas. | Paul, A. | 62 | 45 | 30 | 8 | 44 | 588 | 34 | — | — | 19 14 0 | 3 14 11 | 23 8 11 | Faversham. |
| Folkestone | Town Museum | Scholey, G. M. | Lloyd, C. W. | 23 | 22 | 12 | 1 | — | — | — | — | — | 4 10 0 | 0 10 6 | 5 0 6 | Folkestone. |
| Greenwich | St. Paul's Sch. | Sloley, H. C. | Parry, P. | 9 | 9 | 3 | 2 | 5 | 66 | 5 | — | — | 3 9 3 | 0 15 9 | 4 5 0 | Greenwich. |
| " | Oxford Ho. S. | Knowles, J. G. | Farncombe, E. | 48 | 39 | 26 | 2 | 5 | 7 | 5 | 1 | — | 16 3 0 | 1 4 4 | 17 7 4 | " |
| Lee | Boone St. Br. S. | Kentish, W. G. | Thistlethwaite, J. | 42 | 24 | 7 | 1 | — | — | — | — | — | 3 10 0 | 0 8 0 | 3 18 0 | Lee. |
| Maidstone | Coll. Bdgs. | Collis, Rev. H. | Williamson, J. B. | 73 | 22 | 14 | 4 | 51 | 264 | 23 | 4 | 2 | 15 17 0 | 5 8 9 | 21 5 9 | Maidstone. |
| Plumstead | Coll. S. | Walter, T. W. | Rogers, T. / Bethell, G. W. | 65 | 34 | 5 | — | 13 | 17 | 9 | — | — | *10 13 0 | — | 10 13 0 | Plumstead. |
| " | Burrage Gr. Bd. S. | Parkes, Z. | Harbour, R. | 24 | 45 | 11 | 2 | 35 | 220 | 28 | — | — | 10 17 0 | 1 0 8 | 11 17 8 | " |
| Rochester | King St. Bd. S. | Belsey, F. F. | Murphy, Mrs. E. / Burr, Charlotte. | 30 | 16 | 5 | 2 | 25 | 748 | 23 | 2 | — | 19 18 0 | 3 0 3 | 22 18 3 | Rochester. |
| Southborough | N. S. | Wilson, A. | Abernethy, J. | 16 | 15 | 2 | — | 10 | 29 | 8 | — | — | 3 1 6 | — | 3 1 6 | Southboro'. |
| Strood | Wkg. Men's Coll. | Reynolds, W. H. | Betts, E. W. | 11 | 9 | 6 | 1 | 9 | 96 | 9 | — | — | 6 6 0 | 0 10 6 | 6 16 6 | Strood. |
| Tonbridge | Town Hall | Walters, Rev. C. | Williamson, J. B. | 103 | 33 | 19 | 8 | 76 | 404 | 15 | 6 | 5 | 12 10 0 | 9 4 5 | 21 14 5 | Tonbridge. |
| Tunbridge Wells. | Belgrave Mech. Inst. | Skillen, E. | Thorne, T. S. / Williamson, J. B. | 10 | 9 | 5 | 1 | 6 | 67 | 4 | — | — | 3 11 0 | 0 6 9 | 3 17 9 | Tunbridge Wells. |
| " | Young Men's Chris. Assoc. | | | 40 | 16 | 10 | 4 | 26 | 144 | 13 | 1 | — | 5 5 0 | 2 10 1 | 7 15 1 | " |
| Woolwich | S. Michael's S. | Walter, T. W. | Rogers, T. / Bethell, G. W. | 50 | 33 | 8 | 1 | — | — | — | — | — | † | 0 9 1 | 0 9 1 | Woolwich. |

* This includes the payment made on account of Woolwich St. Michael's A.N. Class. † See Plumstead Coll. S.

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LANCASHIRE. | | | | | | | | | | | | | | | | | | |
| Accrington | Co-operative Hall | Howarth, W. | Cronshaw, W. H. | 21 | 14 | 5 | 3 | 5 | 20 | 5 | — | — | 4 8 0 | 13 16 5 | 18 4 5 | Accrington. |
| „ | Mech. Inst. | Bowker, Enoch | Cronshaw, W. H. | 40 | 23 | 3 | — | 21 | 121 | 21 | — | — | 9 16 0 | — | 9 16 0 | „ |
| „ | New Jerusalem B.S. | Kenyon, E. | Grimshaw, J. | 17 | 6 | 1 | 1 | 7 | 35 | 7 | — | — | 3 10 0 | 0 3 10 | 3 13 10 | „ |
| „ | S. James' S. | La Fontaine, Rev. W.<br>Brockbank, T. W.<br>Heald, J. T. | | 12 | 13 | 3 | — | — | — | — | — | — | 1 10 0 | 1 17 4 | 3 7 4 | „ |
| „ | Willow St. S. | Raitt, Thos. | Langham, O. | 30 | 16 | 5 | 1 | — | — | — | — | — | 2 10 0 | 0 10 0 | 3 0 0 | „ |
| Ashton-under-Lyne. | Albion S. | Hutchison, Rev. J. | Monks, P. | 87 | 34 | 14 | 4 | 42 | 347 | 35 | — | — | 20 4 0 | 1 19 1 | 22 3 1 | Ashton-under Lyne. |
| „ | Dukinfield Hall | Halstead, J. | Forbes, R. T. | 11 | 2 | — | — | — | — | — | — | — | — | — | — | „ |
| „ | Dukinfield Vill. Lib. | Broadrick, E. B. | Stott, H. | 12 | 10 | 4 | 2 | 14 | 133 | 14 | 1 | — | 7 13 0 | 1 8 4 | 9 1 4 | „ |
| „ | Mech. Inst. | Richards, J. | Hill, H. | 9 | 9 | 6 | 2 | 7 | 48 | 7 | 1 | — | 5 13 0 | 1 5 11 | 6 18 11 | „ |
| „ | Par. Ch. Sch. | Butterworth, Rev. T. | Barlow, E. | 30 | 12 | 1 | — | 13 | 28 | 5 | — | — | 1 5 0 | — | 1 5 0 | „ |
| „ | Woodhouses, N. S. | Cliff, Chas. | Bulcock, J. W. | 13 | 8 | 1 | — | 5 | 40 | 5 | — | — | 2 16 0 | — | 2 16 0 | „ |
| Blackburn | New Jerusalem S. | Stones, Sam. J. | Wilson, W. | 57 | 35 | 10 | 3 | 24 | 204 | 21 | — | — | 13 5 0 | 2 5 7 | 15 10 7 | Blackburn. |
| „ | S. John's S. | Brandwood, R. | Duckett, Winifred. | 44 | 24 | 6 | 3 | 20 | 168 | 18 | — | — | 8 10 0 | 1 11 0 | 10 1 0 | „ |
| „ | S. Peter's S. | Connsett, W. | Sayle, J. | 60 | 37 | 7 | — | 37 | 381 | 30 | — | — | 8 12 0 | — | 8 12 0 | „ |
| „ | Sci. and Art S. (Secondary Day Sch.) Paradise Lane. | Parkinson, G. | Isherwood, T. | 70 | 59 | 29 | 8 | 62 | 802 | 62 | — | — | 46 9 3 | 3 12 9 | 50 2 0 | „ |
| Blackrod | N. S. | Smith, H. | Gardner, J. | 18 | 12 | 3 | — | 12 | 15 | 8 | — | — | 4 4 0 | — | 4 4 0 | Blackrod. |
| „ | Church S. Scot Lane End. | Yates, Thos. M. | Hughes, F. H. | 21 | 13 | 2 | — | 10 | 99 | 5 | — | — | 2 17 0 | — | 2 17 0 | „ |
| Bolton | Bank St. S. | Barrow, J. | Brown, A. | 20 | 12 | 4 | — | 2 | 6 | 2 | — | — | 3 14 0 | — | 3 14 0 | Bolton. |
| „ | Ch. Inst. | Packer, Rev. A. | Stott. H., jun. | 90 | 59 | 20 | 7 | 92 | 614 | 81 | 4 | 1 | 43 12 0 | 4 14 5 | 48 6 5 | „ |
| „ | Emanuel S. | Green, Rich., jun. | Moore, Marg.<br>Moore, W. | 14 | 11 | 4 | — | 11 | 88 | 11 | — | — | 5 13 0 | — | 5 13 0 | „ |
| „ | Mech. Inst. | Redford, T. W. | Mitchell, A. | 65 | 19 | 4 | 1 | 6 | 25 | 6 | — | 1 | 4 2 0 | 0 16 11 | 4 18 11 | „ |
| Burnley | Ch. of E. Lit. Inst. | Astin, A. | Palmer, W. J. | 46 | 29 | 6 | 3 | 14 | 114 | 13 | 2 | — | 7 8 0 | 2 8 8 | 9 16 8 | Burnley. |
| „ | Mech. Inst. | Foden, C. M. | Thompson, J. | 32 | 15 | 6 | 1 | 14 | 120 | 12 | — | — | 6 7 0 | 0 8 0 | 6 15 0 | „ |
| Bury | Athenæum | Stockdale, Jno. | Dodgson, W. | 65 | 47 | 16 | 3 | 10 | 38 | 6 | — | — | 6 0 0 | 1 3 7 | 7 3 7 | Bury. |
| Chorley | Mech. Inst. | Livesey, Saml. | Duckett, Miss W. | 18 | 11 | 3 | 1 | 9 | 81 | 6 | — | — | 3 11 0 | 0 10 2 | 4 1 2 | Chorley. |
| Gorton | M. S. and L. Ry. S. | Greenwood, Jas. | Botheras, R.<br>Botheras, B. | 72 | 19 | 9 | 1 | 29 | 61 | 27 | — | — | 13 16 0 | 0 10 0 | 14 6 0 | Gorton. |
| Haslingden | Mech. Inst. | Hargreaves, H. | Crowther, W. E.<br>Sutcliffe, J. | 15 | 10 | 3 | 1 | 11 | 58 | 8 | — | — | 3 12 0 | 0 10 2 | 4 2 2 | Haslingden. |
| Heywood | B. S. | Mills, D. | Middleton, J. | 34 | 20 | 6 | 1 | 13 | 58 | 11 | 1 | — | 5 15 0 | 0 18 0 | 6 13 0 | Heywood. |

## List of Night Classes for Drawing, &c.—*cont.*

| Town. | Where held. | Secretary. | Teacher. | Number under Instruction in Drawing. | 2nd Grade Examination. | | | 3rd Grade Examination. | | | | | Amount of Payments on the Results of the Examination. | | | Aid on account of Prizes, Examples, &c. | | | Total Aid to Class. | | | Town. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Number examined. | Number successful. | No. who obtained Prizes. | No. of Students who sent up Works. | No. of Works sent up. | No. of Artisans on whose works payments were claimed. | No. who obtained Prizes. 2nd Grade. | No. who obtained Prizes. 3rd Grade. | £ | s. | d. | £ | s. | d. | £ | s. | d. | |
| Ince | Central N. S. | Proctor, Rev. J. L. | Bailey, C. | 68 | 42 | 3 | — | 51 | 51 | 19 | — | — | 4 | 10 | 0 | — | | | 4 | 10 | 0 | Ince. |
| Leigh | St. Paul's S. | Smallshaw, James | Emsley, R. | 24 | 10 | 3 | 1 | — | — | — | — | — | 2 | 0 | 0 | 1 | 9 | 4 | 3 | 9 | 4 | Leigh. |
| „ | Bedford Wes. S. | Guest, W. H. | Avery, J. T. | 18 | 16 | 6 | — | 15 | 16 | 14 | — | — | 8 | 4 | 0 | — | | | 8 | 4 | 0 | „ |
| Liverpool | Ch. Ch. S., Aughton St. | Foster, Wm. | Snowden, H. | 6 | 3 | 2 | — | — | — | — | — | — | 1 | 0 | 0 | — | | | 1 | 0 | 0 | Liverpool. |
| „ | Ch. Ch. N.S., Christian St. | Hardman, Rev. C. J. | Magee, J. | 22 | 12 | 6 | 1 | 14 | 81 | 11 | — | — | 5 | 18 | 0 | 0 | 5 | 3 | 6 | 3 | 3 | „ |
| „ | Board S., Queen's Rd. | Fitzgerald, M. | Quelch, Elizabeth. | 37 | 18 | 6 | 1 | 23 | 216 | 22 | — | — | 7 | 18 | 0 | 14 | 14 | 3 | 22 | 12 | 3 | „ |
| „ | Board S., William Henry St. | Cook, Thos. | Ward, J. S. | 52 | 41 | 7 | 2 | 41 | 255 | 37 | — | — | 12 | 3 | 0 | 7 | 0 | 5 | 19 | 3 | 5 | „ |
| „ | Gt. Homer Wes. S. | Cooper, W. | Brownscombe, W. | 36 | 36 | 4 | — | — | — | — | — | — | 2 | 0 | 0 | — | | | 2 | 0 | 0 | „ |
| „ | St. Augustine's S. | Jones, J. G. | Burkinshaw, S. | 98 | 29 | 5 | — | 48 | 259 | 47 | — | — | 11 | 1 | 0 | — | | | 11 | 1 | 0 | „ |
| „ | St. Saviour's N.S., Everton. | Pickles, Rev. J. S. | Dicks, C. | 29 | 17 | — | — | — | — | — | — | — | — | | | — | | | — | | | „ |
| „ | Young Women's Christ. Assoc. | Garthside, Mrs. E. | Harrison, Miss E. | 50 | 7 | 3 | — | 36 | 353 | 34 | 3 | 1 | 13 | 6 | 0 | 4 | 6 | 2 | 17 | 12 | 2 | „ |
| Manchester | Building Trades' Inst. | Thorpe, W. | Monks, P. | 82 | 18 | 2 | — | 19 | 87 | 10 | — | — | 2 | 6 | 0 | — | | | 2 | 6 | 0 | Manchester |
| „ | Cheetham Coll. S. | Drew, T. H. | Allaun, M. | 56 | 35 | 9 | 2 | 55 | 277 | 55 | 2 | 1 | 31 | 14 | 0 | 2 | 9 | 10 | 34 | 3 | 10 | „ |
| „ | Hulme, St. John Baptist S. | Cooper, L. | Hardman, J. | 26 | 20 | 6 | 2 | 19 | 122 | 15 | 1 | — | 7 | 7 | 0 | 1 | 10 | 6 | 8 | 17 | 6 | „ |
| „ | Hulme, St. Mark's Ch. Inst. | Rains, S., M.R.C.S. | Corrigan, T. | 21 | 12 | 4 | — | 2 | 9 | 2 | — | — | 2 | 18 | 0 | — | | | 2 | 18 | 0 | „ |
| „ | Hulme, St. Michael's S. | Roe, Edwin | Pepper, C. | 29 | 13 | 4 | 1 | 19 | 139 | 19 | 1 | — | 8 | 15 | 0 | 1 | 0 | 0 | 9 | 15 | 0 | „ |
| „ | Mech. Inst. (Secondary Day S.) | Evans, Geo. | Spriggs, C.<br>Brewer, R. F.<br>Quinn, E. P. | 140 | 90 | 30 | 6 | — | — | — | — | — | 14 | 0 | 0 | 3 | 1 | 2 | 17 | 1 | 2 | „ |
| „ | Pres. S., Ancoats | McPherson, W. | Stott, H. | 10 | 6 | 4 | 1 | 10 | 93 | 10 | — | — | 5 | 16 | 0 | 0 | 10 | 0 | 6 | 6 | 0 | „ |
| „ | St. Clement's Boys' S. | Fraser, Rev. W., M.A. | Christie, R. W. | 27 | 15 | 5 | — | 10 | 39 | 10 | — | — | 4 | 2 | 6 | — | | | 4 | 2 | 6 | „ |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Middleton | Gram. S. | Dean, P. L. | Pritchard, Z.<br>Harris, R. | 28 | 23 | 11 | 2 | 22 | 101 | 13 | — | — | 12 3 0 | 1 0 0 | 13 3 0 | Middleton. |
| Nelson-in-Marsden. | Lomeshaye S. | Clement, L. | Edmondson, J. H. | 34 | 22 | 1 | — | 25 | 363 | 23 | — | — | 6 13 0 | — | 6 13 0 | Nelson-in Marsden. |
| Newton-le-Willows. | St. Peter's S. | Watkins, J. W., M.D. | Foister, J. S. | 39 | 24 | 9 | 1 | 30 | 138 | 27 | — | — | 9 17 0 | 0 10 0 | 10 7 0 | Newton-le-Willows. |
| Oldham | Sci. and Art S. | Bailey, Thos. | Hague, J. H. | 42 | 48 | 8 | — | 22 | 50 | 22 | 3 | 1 | 11 1 0 | 1 6 0 | 12 7 0 | Oldham. |
| „ | Westwood Bd. S. | Lean, Thos. | Bagot, W.<br>Butterworth, T.<br>Wade, G. | 80 | 46 | 15 | 2 | 19 | 129 | 18 | — | — | 11 18 0 | 0 19 4 | 12 17 4 | „ |
| Openshaw | Mech. Inst. | Sherratt, P. | Wright, J. R. | 69 | 17 | 5 | 3 | 8 | 27 | 8 | 4 | — | 5 13 0 | 2 15 2 | 8 8 2 | Openshaw. |
| Padiham | Wes. S. | Whitham, H. H. | Smith, J. T. | 12 | 11 | 4 | — | 9 | 55 | 9 | — | — | 5 9 0 | — | 5 9 0 | Padiham. |
| Patricroft | Mech. Inst. | Hewitt, John | Monks, P. | 26 | 20 | 5 | 2 | 26 | 163 | 15 | — | — | 6 12 0 | 0 18 6 | 7 10 6 | Patricroft. |
| Preston | Cong. S. | Thorp, T. | Greenhalgh, J. | 72 | 45 | 13 | 2 | 48 | 512 | 47 | — | — | 18 7 0 | 0 15 9 | 19 2 9 | Preston |
| „ | Sculptors' Studio | Whitehead, T. E. | Duckett, Miss W. | 32 | 15 | 3 | 1 | 12 | 197 | 12 | — | — | 4 9 0 | 0 10 0 | 4 19 0 | „ |
| „ | U. M. F. C. S. | Fell, H. | Calvelly, R. | 27 | 9 | 1 | — | 6 | 91 | 5 | — | 1 | 1 11 0 | — | 1 11 0 | „ |
| Ramsbottom | St. Paul's S. | Eastwood, Geo. | Dodgson, W. | 6 | 3 | 1 | — | — | — | — | — | — | 0 10 0 | — | 0 10 0 | Ramsbottom. |
| Rochdale | Board S., Baillie St. | Wood, J. A. | Lofthouse, J. | 38 | 25 | 13 | 4 | 33 | 205 | 30 | 3 | 1 | 31 11 0 | 3 12 0 | 35 3 0 | Rochdale. |
| „ | Equit. Pioneers' Soc. | Mitchell, J. T. W. | Waugh, T. | 88 | 51 | 28 | 6 | 75 | 1017 | 64 | — | 1 | 45 0 0 | 3 4 3 | 48 4 3 | „ |
| „ | Parish Ch. S. | Shilleto, Rev. J. H. R. | Woolfenden, T. | 14 | 4 | 4 | — | — | — | — | — | — | 3 0 0 | — | 3 0 0 | „ |
| Salford | Wkg. Men's Coll. | Plant, John | Monks, P. | 80 | 34 | 14 | 6 | 41 | 364 | 33 | — | — | 19 9 0 | 2 11 1 | 22 0 1 | Salford. |
| Southport | Ch. Ch. N. S. | Heald, Edmund | Ainsworth, Jno. D. | 71 | 18 | 12 | 4 | — | — | — | — | — | 6 0 0 | 1 17 0 | 7 17 0 | Southport. |
| Stalybridge | Wes. S. | Cooke, Jas. A. | Hirst, W. H. | 21 | 15 | 4 | — | — | — | — | — | — | 2 0 0 | — | 2 0 0 | Stalybridge. |
| Todmorden | Vale Academy | Pearson, J. | Allaun, M. | 50 | 43 | 10 | 2 | 50 | 283 | 50 | 4 | 4 | 40 7 0 | 4 8 0 | 44 15 0 | Todmorden. |
| Walsden | Wkg. Men's Club. | Crossley, B. | Riley, J. T. | 29 | 23 | 7 | — | 17 | 164 | 16 | — | — | 5 11 0 | — | 5 11 0 | Walsden. |
| Whitworth | Lit. Inst. | Horsfall, T. | Waugh, T. | 14 | 12 | 3 | — | 12 | 207 | 11 | — | — | 6 15 0 | — | 6 15 0 | Whitworth. |
| Wigan | New Jerusalem S. | Meek, G. | Underhill, F. | 18 | 8 | 2 | — | — | — | — | — | — | 1 0 0 | 7 19 4 | 8 19 4 | Wigan. |
| „ | St. Thomas' S., Caroline St. | Cronshaw, Rev. J. | Hall, E. | 55 | 6 | 2 | 1 | 34 | 38 | 11 | — | — | 2 9 0 | 0 9 1 | 2 18 1 | „ |
| „ | St. Thomas' S., Clayton St. | Glover, Chas. | Catanach, J. | 24 | 8 | 3 | — | 8 | 8 | 5 | — | 1 | 2 5 0 | — | 2 5 0 | „ |
| LEICESTER. | | | | | | | | | | | | | | | | |
| Leicester | Wkg. Men's Coll. | Sarson, J. E. | Smeeton, J. | 32 | 9 | 8 | 1 | — | — | — | — | — | 4 10 0 | 0 9 1 | 4 19 1 | Leicester. |
| Market Harborough. | Brit. S. | Huckett, G. | Robinson, A. | 17 | 13 | 3 | 1 | 17 | 125 | 16 | — | — | 5 7 0 | 0 10 6 | 5 17 6 | Market Harborough. |
| LINCOLN. | | | | | | | | | | | | | | | | |
| Boston | Pump Sq., N.S. | Allen, Jno. (jun.) | Gane, W. | 9 | 3 | 3 | 3 | — | — | — | — | — | 1 10 0 | 0 14 9 | 2 4 9 | Boston. |
| Gainsborough | Par. Ch. S. | Elliott, Rev. J. R. | Adlard, B. T. | 21 | 12 | — | — | 8 | 30 | 6 | — | — | 1 9 3 | — | 1 9 3 | Gainsboro'. |
| Grimsby | Prim. Meth. S. | Snowden, C. | Wyld, S. | 40 | 17 | 6 | 2 | 19 | 205 | 16 | — | — | 10 0 0 | 4 11 1 | 14 11 1 | Grimsby. |
| Louth | Mech. Inst. | Wood, Jas. | Jones, J. | 21 | 16 | 11 | 3 | 10 | 22 | 9 | — | — | 6 13 6 | 2 18 0 | 9 11 6 | Louth. |
| Stamford | St. Martin's N.S. | Bird, A. | Brake, A. | 31 | 22 | 11 | 2 | — | — | — | — | — | 6 0 0 | 0 14 7 | 6 14 7 | Stamford. |

## List of Night Classes for Drawing, &c.—*cont.*

| Town. | Where held. | Secretary. | Teacher. | Number under Instruction in Drawing. | 2nd Grade Examination. | | | 3rd Grade Examination. | | | | | Amount of Payments on the Results of the Examination. | Aid on Account of Prizes, Examples, &c. | Total Aid to Class. | Town. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Number examined. | Number successful. | No. who obtained Prizes. | No. of Students who sent up Works. | No. of Works sent up. | No. of Artisans on whose works payments were claimed. | No. who obtained Prizes. 2nd Grade. | No. who obtained Prizes. 3rd Grade. | | | | |
| MIDDLESEX. | | | | | | | | | | | | | £ s. d. | £ s. d. | £ s. d. | |
| Barnsbury | St. Clements | Graff, S. J. | Gardner, H. | 66 | 34 | 10 | — | 28 | 32 | 28 | — | — | 15 2 0 | 1 6 10 | 16 8 0 | Barnsbury. |
| Bethnal Green | Church Row, Nat. S. | Avenell, W. C. | Moss, H. | 100 | 75 | 19 | 1 | 26 | 169 | 19 | — | — | 16 12 0 | 0 10 0 | 17 2 0 | Bethnal Green. |
| „ | Olga St. Board S. | Birch, Josh. | Upton, C. G.<br>Jesseman, A. | 47 | 30 | 9 | 1 | 14 | 74 | 12 | — | — | 9 11 0 | 7 8 11 | 16 19 11 | „ |
| Bow | Bow and Bromley Inst. | Gunstone, J. G. | Saunders, J. | 38 | 22 | 7 | — | 19 | 125 | 17 | 1 | — | 13 17 0 | 1 7 0 | 15 4 0 | Bow. |
| „ | North Bow S., Armagh Road. | Pavett, Thos. N. | Saunders, J. | 43 | 17 | 3 | — | 12 | 86 | 11 | — | — | 5 11 0 | — | 5 11 0 | „ |
| Chancery Lane | Birkbeck Inst. | Congreve, W. H. | Davy, W.<br>Newlands, W. J. | 158 | 47 | 21 | 3 | 17 | 130 | 16 | 1 | 1 | 22 14 0 | 2 5 6 | 24 19 6 | Chancery Lane. |
| „ | St. Thomas' Youths' Inst. | Moran, G. R. | Robinson, A. F. | 28 | 8 | 1 | — | — | — | — | — | — | 0 10 0 | — | 0 10 0 | „ |
| Chelsea | Draycott St., Boys' S. | Myles, Rev. P. W. | Stokoe, R.<br>Richardson, F. C. | 99 | 52 | 22 | 1 | 37 | 358 | 29 | — | — | 21 16 0 | 0 9 1 | 22 5 1 | Chelsea. |
| „ | Onslow Coll. | Browning, J. | Symons, C.<br>Groom, E.<br>Sansum, W. | 103 | 56 | 23 | 1 | 58 | 631 | 57 | 1 | 2 | 35 10 0 | 6 13 9 | 42 3 9 | „ |
| „ | St. Mark's Coll. S. | Quilter, Jno. S. | Honeybourne, J. C.<br>Smith, C. J.<br>Parsons, J. | 86 | 62 | 32 | 4 | 57 | 129 | 21 | — | — | 17 4 0 | 1 18 0 | 19 2 0 | „ |
| City Road | Radnor St. S. | Gabriel, J. W. | Richardson, F. C. | 118 | 63 | 21 | 2 | 42 | 457 | 38 | — | 1 | 24 18 0 | 1 5 10 | 26 3 10 | City Road. |
| Gray's Inn Road. | St. Bartholomew's S. | Tipper, Rev. J. G. | Town, E. H. | 34 | 27 | 1 | — | — | — | — | — | — | 0 10 0 | — | 0 10 0 | Gray's Inn Road. |
| Hackney | West St. Bd. S., London Fields. | Smith, W. J. | Lowres, J. | 90 | 46 | 19 | 1 | 25 | 187 | 24 | — | — | 19 3 0 | 0 8 0 | 19 11 0 | Hackney. |
| Haggerston | St. Mary's S. | Mordaunt, J. | Lowres, J. | 48 | 34 | 18 | — | 25 | 138 | 24 | — | — | 16 16 0 | 2 2 4 | 18 18 4 | Haggerston. |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hammersmith. | Broadway Lecture Hall. | Barclay, A. J. - | Whitman, H. J. | 48 | 27 | 13 | — | 27 | 300 | 23 | — | — | 15 8 0 | 4 2 2 | 19 10 2 | Hammersmith. |
| Holloway - | Coll., Spencer Rd. | Broome, J. - - | Lee, H. - - | 55 | 46 | 6 | — | 22 | 122 | 11 | — | — | 5 5 0 | — | 5 5 0 | Holloway. |
| „ - | St. James' Inst. - | Games, Stephen I. | Ashby, J. T. - | 14 | 10 | 3 | 1 | — | — | — | — | — | 1 10 0 | 0 9 1 | 1 19 1 | „ |
| „ - | St. John's Youths' Inst. | Sturdee, Edwin J. | Hickin, H. - | 60 | 24 | 8 | — | 6 | 8 | 5 | — | — | 4 11 6 | — | 4 11 6 | „ |
| Homerton - | Ch. Rd. Wes. S. - | Love, R. H. - - | Gardner, T. - | 50 | 34 | 17 | 1 | — | — | — | — | — | 11 10 0 | 0 10 0 | 12 0 0 | Homerton. |
| Hornsey - | Finsbury Park Youths' Inst. | Wallen, F. - - | Birch, J. S. - | 11 | 5 | 1 | — | — | — | — | — | — | 0 10 0 | — | 0 10 0 | Hornsey. |
| Hoxton - - | Acad. S. - - - | Crisp, J. C. - - | Holding, A. - | 81 | 44 | 16 | — | 51 | 406 | 43 | — | — | 24 14 0 | — | 24 14 0 | Hoxton. |
| „ - - | Holy Trin. S. - | D'Aubney, T. - | Thrower, H. J. - | 4 | 3 | 1 | — | — | — | — | — | — | 0 10 0 | — | 0 10 0 | „ |
| „ - - | St. John's S. - - | Williams, W. - | Parry, P. - - | 13 | 7 | 3 | — | 10 | 143 | 6 | — | — | 2 19 0 | — | 2 19 0 | „ |
| Isleworth - | N. S., The Square - | Hopkins, G. - - | Smith, J. R. - | 23 | 17 | 6 | — | 24 | 375 | 23 | — | — | 14 4 0 | — | 14 4 0 | Isleworth. |
| Islington - | Morton Rd. S. - | Kilburn, G. W. (jun.) - - | Hilliar, W. - Hill, G. C. - | 65 | 9 | 6 | — | — | — | — | — | — | 5 0 0 | — | 5 0 0 | Islington. |
| „ - | New Ch. Coll. - | Cole, G. R. - - | Richardson, F. C. | 55 | 36 | 6 | 1 | 27 | 326 | 22 | — | — | 7 16 0 | 0 10 6 | 8 6 6 | „ |
| „ - | Sci. and Art Sch., Windsor St., Secondary Day S. - | Wheatley, H. J. - | Angel, H. - - | 61 | 36 | 21 | — | 15 | 96 | 15 | — | — | *19 10 0 | 1 17 5 | 21 7 5 | „ |
| „ - | Youths' Inst., St. Geo. Hall, Barnsbury - | Spary, R. - - | Fairmaner, W. - - Seagrave, W. C. - - Deal, C. A. - | 139 | 70 | 15 | — | 1 | 1 | 1 | — | — | 6 19 0 | — | 6 19 0 | „ |
| Kensington - | Allen St. B. S. - | Trotman, S. H. - | Smith, J. R. - | 29 | 14 | 7 | — | 24 | 397 | 23 | 2 | 1 | 20 6 6 | 1 8 10 | 21 15 4 | Kensington. |
| Kentish Town | Hawley Cres. Bd. S. | Gale, S. - - | Ealden, J. M. - | 63 | 36 | 15 | — | — | — | — | — | — | 8 10 0 | — | 8 10 0 | Kentish Tn. |
| „ | Holy Trin. S. - | Bond, C. - - | Weller, G. - | 35 | 25 | 9 | — | 22 | 125 | 20 | — | — | 9 10 6 | — | 9 10 6 | „ |
| „ | Leighton Rd. Wes. S. | Brabrook, Fredk. G. | Hickin, H. - | 36 | 16 | 4 | 2 | 7 | 112 | 7 | — | — | 4 19 6 | 2 2 4 | 7 1 10 | „ |
| „ | Lit. Inst., Wilkin St. | Labin, H. - - | Feather, H. W. | 14 | 6 | 2 | — | — | — | — | — | — | 1 0 0 | — | 1 0 0 | „ |
| „ | Trg. Schs., Wilkin St. | Wilkin, Miss - | Youngman, H. S. | 26 | 13 | 3 | — | 16 | 65 | 12 | — | — | 4 7 0 | — | 4 7 0 | „ |
| Kilburn - | St. Augustine's S. - | Hunt, F. W. - | Collins, J. - | 6 | 4 | — | — | — | — | — | — | — | — | — | — | Kilburn. |
| Leadenhall St. | City of London Coll. | Hansen, H. W. - | Hawker, G. - | 31 | 8 | 5 | 1 | — | — | — | — | — | 1 10 0 | 0 4 6 | 1 14 6 | Leadenhall St. |
| Limehouse - | Northey St. Bd. S. | Harston, M. W. - | Phillips, G. - | 20 | 6 | 1 | — | — | — | — | — | — | 0 10 0 | — | 0 10 0 | Limehouse. |
| „ - | St. Anne's S., Dixon St. | Wiggins, F. - - | Northey, J. - | 33 | 22 | 7 | — | 19 | 37 | 11 | — | — | 7 14 0 | — | 7 14 0 | „ |
| Marylebone - | Quebec Inst. - - | Pope, F. - - | Byatt, H. - - | 87 | 27 | 6 | 1 | 9 | 15 | 7 | 1 | — | 6 15 5 | 0 5 3 | 7 0 8 | Marylebone. |
| Mile End New Town. | St. Anne's Schs., Spicer St. | Luperque, Rev. B. | McHugh, Jno. - | 16 | 16 | 7 | — | — | — | — | — | — | 1 0 0 | — | 1 0 0 | Mile End New Town. |

* This includes 8*l.* 10*s.* on account of the Secondary Day School.

## List of Night Classes for Drawing, &c.—*cont.*

| Town. | Where held. | Secretary. | Teacher. | Number under Instruction in Drawing. | 2nd Grade Examination. | | | 3rd Grade Examination. | | | | | Amount of Payments on the Results of the Examination. | Aid on account of Prizes, Examples, &c. | Total Aid to Class. | Town. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Number examined. | Number successful. | No. who obtained Prizes. | No. of Students who sent up Works. | No. of Works sent up. | No. of Artisans on whose works payments were claimed. | No. who obtained Prizes. 2nd Grade. | No. who obtained Prizes. 3rd Grade. | | | | |
| | | | | | | | | | | | | | £ s. d. | £ s. d. | £ d. | |
| Mile End New Town. | Schoolroom, Ch. St. | Bullock, Miss S. H. | Holding, A. - | 28 | 19 | 7 | — | 20 | 108 | 16 | — | — | 7 15 0 | — | 7 15 0 | Mile End New Town. |
| Mile End Rd., (141.) | Private S. - - | Scrutton, T. - - | Youngman, H. Sophia. | 29 | 23 | 10 | 3 | 22 | 100 | 21 | 2 | — | 13 1 0 | 1 11 0 | 14 12 0 | Mile End Rd. |
| Millwall - | British Street Bd. S. | Walter, Richd. - | Philips, G. - | 28 | 15 | 3 | — | 5 | 46 | 5 | — | — | 2 14 0 | — | 2 14 0 | Millwall. |
| Notting Hill - | Wornington Rd. Bd. S. | Murlis, W. T. - | Horn, G. E. - | 26 | 19 | 12 | 1 | 13 | 96 | 13 | — | — | 13 13 0 | 0 5 3 | 13 18 3 | Notting Hill. |
| Paddington - | St. Michael's S. - | Prescott, H. W. - | McCarty, W. W. | 42 | 26 | 10 | — | 38 | 388 | 31 | 5 | 3 | 24 7 0 | 3 14 11 | 28 1 11 | Paddington. |
| „ - | St. Paul's S. - - | Street, Jas. - - | Noble, A. - - | 43 | 32 | 13 | 1 | 9 | 23 | 8 | 2 | — | 10 1 0 | 1 10 0 | 11 11 0 | „ |
| Pimlico - - | St. Barnabas S., Ebury St. | Du Rieu, Rev. W. M. | Stephens, H. - | 29 | 8 | 1 | — | — | — | — | — | — | 0 10 0 | — | 0 10 0 | Pimlico. |
| Poplar - - | St. Mary's S. | Woore, J. W. - | Lovell, A. - - | 16 | 12 | 6 | — | 10 | 67 | 9 | — | — | 5 3 3 | 4 3 4 | 9 6 7 | Poplar. |
| „ - - | St. Saviour's N. S. | Bray, Rev. E. - | Colchester, C. - | 19 | 16 | 3 | — | 14 | 20 | 11 | — | — | 3 12 0 | — | 3 12 0 | „ |
| „ - - | All Saints' Boys' S. | Fairbairns, W. - | Monkson, T. J. | 40 | 26 | 3 | 1 | 14 | 106 | 14 | — | — | 6 9 0 | 0 10 6 | 6 19 6 | „ |
| Ratcliff - - | Brond St. Bd. S. - | Esam, Jas. - - | Eugledow, J. W. | 22 | 20 | 5 | — | 16 | 30 | 16 | — | — | 5 4 0 | 1 6 9 | 6 10 9 | Ratcliff. |
| St. Martin's Lane. | Artisans' Inst. - | Sarson, Rev. G. - | Took, F. S. - | 26 | 4 | 2 | — | — | — | — | — | — | — | 1 6 4 | 1 6 4 | St. Martin's Lane. |
| Somers Town | Brewer St. Brit. S. | Leftwich, H. T. - | Clark, H. J. - | 31 | 16 | 5 | — | 26 | 269 | 23 | — | — | 8 1 0 | — | 8 1 0 | Somers Tn. |
| South Bromley - - | St. Michael's S. - | Currie, E. H. - | { Wild, R. - / Johnson, E. - } | 136 | 93 | 20 | 3 | 30 | 51 | 30 | — | — | 21 2 0 | 1 1 0 | 22 3 0 | { South Bromley. |
| Stepney - | Garden St. Meeting S. | Scrutton, A. - | Harry, R. - | 46 | 41 | 10 | — | 45 | 106 | 42 | — | — | 16 19 6 | — | 16 19 6 | Stepney. |
| „ - | Gloucester St. Bd. S. | Rymer, G. - - | Robinson, A. F. | 43 | 23 | 8 | 1 | — | — | — | — | — | 4 10 0 | 0 9 1 | 4 19 1 | „ |
| „ - | Jonson St. Bd. S. - | Scott, W. - - | Parry, P. - - | 4 | 4 | 2 | — | — | 22 | — | — | — | 1 10 6 | — | 1 10 6 | „ |
| „ - | Mile End Old Town S. | Fisher, W. - - | Calver, A. - - | 27 | 27 | 10 | 2 | 12 | 16 | 10 | — | — | 6 2 0 | 1 0 8 | 7 2 8 | „ |
| Twickenham - | Par. S. - - - | Hodgson, F. C. - | Davies, D. J. - | 22 | 16 | 4 | 2 | 12 | 100 | 11 | — | — | 5 2 0 | 1 0 6 | 6 2 6 | Twickenham. |
| Westminster - | { Grosvenor Wkg. / Men's Club - } | Graff, S. W. - - | { Miller, A. J. - / Jones, R. R. - } | 7 | 7 | 3 | 1 | 21 | 169 | 19 | 2 | 1 | 9 14 10 | 2 0 4 | 11 15 2 | Westminster. |

| | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| " | St. Margaret's Par. Sch., Totthill St. | White, F. W. | Fodarh, E. H. | 14 | 10 | 6 | 2 | 13 | 70 | 13 | — | — | 6 | 6 | 0 | 1 | 0 | 0 | 7 | 6 | 0 | " |
| " | St. Margaret's Tech. S. | Smith, C. S. | Le Maitre, C. E. | 55 | 43 | 17 | — | 26 | 80 | 20 | — | — | 13 | 3 | 0 | — | | | 13 | 3 | 0 | " |
| | | | Ellerridge, H. | | | | | | | | | | | | | | | | | | | |
| " | St. Stephen's N. S., Rochester Row. | Gregory, G. N. | Baker, W. H. | 47 | 19 | 7 | — | — | — | — | — | — | 5 | 0 | 0 | — | | | 5 | 0 | 0 | " |
| " | Wes. Tge. Coll. | Bate, Rev. G. O. | Cowham, J. H. | 17 | 10 | 5 | — | 4 | 8 | 1 | — | — | 1 | 10 | 0 | — | | | 1 | 10 | 0 | " |
| Whitechapel | Society's S. | Minn, Wm. | Harrison, A. | 33 | 19 | 6 | — | — | — | — | — | — | 4 | 0 | 0 | — | | | 4 | 0 | 0 | Whitechapel. |
| " | St. Mark's N. S., Chamber St. | Duncan, Rev. R. D. | Packer, E. | 25 | 15 | 6 | 1 | 16 | 83 | 16 | — | — | 7 | 17 | 9 | 0 | 10 | 6 | 8 | 8 | 3 | " |
| **Monmouth.** | | | | | | | | | | | | | | | | | | | | | | |
| Blaenavon | Wes. S. | Edmonds, J. F. | Cock, W. L. | 33 | 25 | 12 | 3 | 31 | 131 | 29 | — | — | 24 | 16 | 0 | 1 | 5 | 11 | 26 | 1 | 11 | Blaenavon. |
| Crumlin | N. S. | Court, J. R. | Edwards, A. E. | 14 | 9 | 2 | — | — | — | — | — | — | — | — | | — | — | | — | — | | Crumlin. |
| Newport | Free Library | Johns, W. N. | Bush, W. | 44 | 32 | 14 | 3 | 30 | 600 | 30 | 1 | — | 29 | 19 | 0 | 3 | 16 | 7 | 33 | 15 | 7 | Newport. |
| " | Maindee Nat. S. | Kirby, Conyers | Gale, P. G. | 34 | 13 | 5 | 2 | 27 | 258 | 26 | — | — | 8 | 13 | 0 | 0 | 18 | 6 | 9 | 11 | 6 | " |
| Rhyaney | Iron Wks. Ch. of E. S. | Parsons, C. E. | Shields, J. | 24 | 17 | 7 | — | 20 | 108 | 19 | — | — | 8 | 12 | 0 | — | | | 8 | 12 | 0 | Rhyaney. |
| **Norfolk.** | | | | | | | | | | | | | | | | | | | | | | |
| King's Lynn | Athenæum | King, Ed. L. | Miller, S. H. | 55 | 44 | 30 | 6 | 23 | 64 | 22 | 1 | — | 19 | 9 | 0 | 4 | 6 | 4 | 23 | 15 | 4 | King's Lynn. |
| Norwich | Pres. S. | Dowson, J. W. | Gunn, W. | 55 | 31 | 15 | 4 | 36 | 191 | 35 | 2 | — | 21 | 16 | 0 | 2 | 18 | 10 | 24 | 14 | 10 | Norwich. |
| **Northants.** | | | | | | | | | | | | | | | | | | | | | | |
| Kettering | Boys' N. S. | Roughton, Fras. J. | Jowett, J. C. | 47 | 30 | 14 | 2 | 21 | 217 | 21 | — | — | 16 | 14 | 0 | 1 | 1 | 0 | 17 | 15 | 0 | Kettering. |
| | B. S. | Myers, J. B. | Wilson, G. I. | 15 | 13 | 5 | — | 10 | 48 | 5 | — | — | 3 | 1 | 0 | — | | | 3 | 1 | 0 | |
| Northampton | Religious and Useful Knowl. Soc. | Brown, E. M. | Jackson, A. | 37 | 22 | 9 | — | 24 | 112 | 22 | 2 | — | 11 | 16 | 6 | 1 | 15 | 4 | 13 | 11 | 10 | Northampton |
| Oundle | New St. N. S. | Talbut, T. | Stevens, Elizh. | 10 | 8 | 1 | — | — | — | — | — | — | — | — | | — | — | | — | — | | Oundle. |
| Peterborough | Town Hall | Townsend, H. M. | Pascoe, J. | 75 | 52 | 19 | 3 | 75 | 643 | 72 | 4 | 2 | 40 | 16 | 0 | 4 | 5 | 9 | 45 | 1 | 9 | Peterboro'. |
| | Millfield Coug. S. | Jackson, E. S. | Leakey, Hannah | 14 | 11 | 1 | — | 12 | 118 | 9 | — | — | 2 | 18 | 0 | — | | | 2 | 18 | 0 | |
| Wellingborough | Park St. S. | Willis, Rev. Fred. W. | Winterton, Jos. H. | 23 | 18 | 9 | 1 | 14 | 146 | 11 | — | — | 8 | 15 | 0 | 0 | 10 | 0 | 9 | 5 | 0 | Wellingboro' |
| **Northumberland.** | | | | | | | | | | | | | | | | | | | | | | |
| Alnwick | Mech. Inst. | Robertson, Adam | Moore, C. E. | 37 | 31 | 14 | 5 | — | — | — | — | — | 6 | 10 | 0 | 2 | 10 | 4 | 9 | 0 | 4 | Alnwick. |
| Haltwhistle | Mech. Inst. | Hudspeth, Wm. | Moore, J. | 7 | 7 | 5 | 1 | — | — | — | — | — | 2 | 8 | 0 | 0 | 8 | 0 | 2 | 8 | 0 | Haltwhistle. |
| Morpeth | Mech. Inst. | Jeffrey, Geo. | Borrows, H. | 28 | 15 | 3 | — | 26 | 153 | 18 | 1 | — | 6 | 6 | 0 | 2 | 7 | 10 | 8 | 13 | 10 | Morpeth. |
| Newcastle-on Tyne. | Elswick Mech. Inst. | Graydon, W. | Rowden, W. T. | 81 | 51 | 25 | 2 | 84 | 2835 | 84 | — | — | 61 | 11 | 0 | 0 | 18 | 6 | 62 | 9 | 6 | Newcastle. |
| " | New Bridge St. Mech. Inst. | Goddard, A. | Cookson, C. F. | 135 | 24 | 3 | — | — | — | — | — | — | — | — | | 1 | 9 | 4 | 1 | 9 | 4 | " |
| North Shields | Ch. Ch. S. | Adamson, H. A. | Urpeth, W. | 50 | 26 | 6 | 1 | 48 | 740 | 38 | — | — | 12 | 19 | 0 | 0 | 10 | 6 | 13 | 9 | 6 | North Shilds. |

## List of Night Classes for Drawing, &c.—*cont.*

| Town. | Where held. | Secretary. | Teacher. | Number under Instruction in Drawing. | 2nd Grade Examination. | | | 3rd Grade Examination. | | | | | Amount of Payments on the Results of the Examination. | | | Aid on account of Prizes, Examples, &c. | | | Total Aid to Class. | | | Town. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Number examined. | Number successful. | No. who obtained Prizes. | No. of Students who sent up Works. | No. of Works sent up. | No. of Artisans on whose works payments were claimed. | No. who obtained Prizes. 2nd Grade. | No. who obtained Prizes. 3rd Grade. | £ | s. | d. | £ | s. | d. | £ | s. | d. | |
| North Shields | Free Library - - | Edington, J. S. - | Way, W. C.<br>Todd, W. S.<br>Liddle, R. W. | 100 | 52 | 27 | 5 | 107 | 1046 | 85 | 4 | 1 | 56 | 8 | 0 | 5 | 2 | 3 | 61 | 10 | 3 | North Shlds. |
| „ | Kettlewell's S. - | Spence, Jno. F. - | Pybus, J. - - | 35 | 34 | 11 | 2 | 38 | 518 | 36 | — | — | 16 | 18 | 0 | 0 | 15 | 3 | 17 | 13 | 3 | „ |
| Notts. | | | | | | | | | | | | | | | | | | | | | | |
| Eastwood - | Mech. Inst. - - | Brentnall, A. W. - | Tyrer, J. S. -<br>Walker, Jno. - | 49 | 32 | 11 | 2 | 40 | 170 | 39 | — | — | 15 | 12 | 0 | 1 | 0 | 6 | 16 | 12 | 6 | Eastwood. |
| Mansfield - | Mech. Inst. - - | Worthington, Rev. A. W. | Tyrer, J. S. - | 68 | 44 | 22 | 9 | 62 | 323 | 53 | 9 | 5 | 42 | 0 | 0 | 12 | 5 | 10 | 54 | 5 | 10 | Mansfield. |
| Nottingham - | Arkwright St. Wes. S. | Davis, Robt.- - | Mills, W. - - | 16 | 13 | 4 | 1 | 12 | 76 | 12 | 1 | — | 14 | 6 | 0 | 1 | 0 | 0 | 15 | 6 | 0 | Nottingham. |
| „ - | St. Saviour's S. - | Froggatt, Jos. - | Radford, W. - | 47 | 37 | 9 | 2 | 34 | 319 | 32 | — | — | 14 | 15 | 0 | 0 | 15 | 3 | 15 | 10 | 3 | „ |
| Selston - | N. S. - - - | Corfield, F. C. - | Turner, T. N. - | 34 | 18 | 4 | 1 | 20 | 124 | 20 | — | — | 10 | 4 | 0 | 3 | 1 | 0 | 13 | 5 | 0 | Selston. |
| Skegby - | Stanton Hill S. - | Clark, W. - - | Fisher, F. H. - | 35 | 15 | 5 | 2 | 22 | 62 | 22 | — | — | 9 | 0 | 6 | 0 | 8 | 8 | 9 | 9 | 2 | Skegby. |
| Southwell - | N. S. - - - | Glaister, Rev. W. | St. John, G. - | 22 | 15 | 5 | 1 | 16 | 155 | 16 | — | — | 8 | 11 | 6 | 0 | 10 | 6 | 9 | 2 | 0 | Southwell. |
| Oxon. | | | | | | | | | | | | | | | | | | | | | | |
| Banbury - | Crouch St. Boys' B. S. | Whitehorn, W. L. - - - | Reeves, J. S. - | 101 | 17 | 7 | 1 | 45 | 955 | 43 | 3 | 1 | 26 | 0 | 0 | 2 | 1 | 5 | 28 | 1 | 5 | Banbury. |
| „ - | Crouch St. Girls' B. S. | | Nasbey, C. - | 27 | 7 | 4 | — | 26 | 231 | 24 | — | — | 12 | 5 | 0 | — | | | 12 | 5 | 0 | „ |
| „ - | S. Banbury Par. S. | | Tyler, J. W. - | 8 | 7 | 5 | 1 | 8 | 8 | 8 | — | — | 5 | 2 | 0 | 2 | 9 | 10 | 7 | 11 | 10 | „ |
| Henley-on-Thames. | S. of Art - - - | Wing, W. - - | Havell, C. R. - | 24 | 18 | 7 | — | 13 | 73 | 10 | 3 | 1 | 7 | 6 | 0 | — | | | 7 | 6 | 0 | Henley-on Thames. |
| Witney | Wes. Mental Imp. Soc. | Early, C. W. - | Scanes, J. - - | 26 | 20 | 7 | 1 | 17 | 55 | 9 | — | — | 5 | 7 | 0 | 1 | 15 | 10 | 7 | 2 | 10 | Witney. |
| Salop | | | | | | | | | | | | | | | | | | | | | | |
| Dawley - | N. S. - - - | Wanstall, Rev. R. C. | Swinnerton, Jas. | 17 | 14 | 1 | — | — | — | — | — | — | 0 | 10 | 0 | — | | | 0 | 10 | 0 | Dawley. |
| Oswestry - | Inst. - - - | Lloyd, W. W. - | Noyes, H. J. - | 50 | 21 | 13 | 3 | 26 | 101 | 11 | 1 | — | 5 | 1 | 0 | 3 | 1 | 8 | 8 | 2 | 8 | Oswestry. |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SOMERSET. | | | | | | | | | | | | | | | | | | |
| Bath | Weston Boys' S. | Stedman, Rev. J. | Wall, C. | 23 | 13 | 5 | — | 20 | 186 | 20 | — | — | 9 10 0 | — | 9 10 0 | Bath. |
| " | Weymouth House N. S. | Littlewood, Rev. W. E. | Bond, J. / Prosser, W. J. | 71 | 54 | 25 | 9 | 69 | 798 | 64 | — | — | 45 4 0 | 4 11 4 | 49 15 4 | " |
| Pill | Benevolent Sch. | Lace, Rev. J. W. | Collins, D. | 21 | 16 | 6 | — | 15 | 288 | 14 | — | — | 9 3 0 | — | 9 3 0 | Pill. |
| Portishead | N. S. | Arkell, Rev. J. | Thebridge, J. R. / Thebridge, Helen | 13 | 9 | 5 | 1 | 13 | 350 | 13 | — | — | 15 4 0 | 0 9 4 | 15 13 4 | Portishead. |
| Shepton Mallet. | N. S. | Clarke, Wm. (jun.) | Dibdin, H. | 19 | 20 | 6 | 1 | 6 | 6 | 5 | — | — | 2 6 0 | 1 0 1 | 3 6 1 | Shepton Mallet. |
| Street | Wkg. Men's Club | Clark, W. S. | Collins, W. G. / Valjis, F. W. | 14 | 7 | 2 | — | 11 | 42 | 11 | — | 2 | 4 15 0 | 1 2 0 | 5 17 0 | Street. |
| Weston-super-Mare | S. of Art | Dymond, Chas. W. | Spencer, W. J. | 25 | 34 | 13 | 3 | 6 | 56 | 5 | — | — | 1 19 0 | 3 11 3 | 5 10 3 | Weston-super-Mare. |
| STAFFORDSHIRE. | | | | | | | | | | | | | | | | | | |
| Bilston | Bradley, St. Martin's Boys' S. | Lister, Geo. S. V. | Addiscott, C. J. | 36 | 16 | 4 | — | 32 | 494 | 32 | — | — | 12 2 0 | — | 12 2 0 | Bilston. |
| " | Coseley N. S. | Trevor, D. | Nicholls, E. | 27 | 14 | 8 | 1 | 22 | 396 | 21 | — | — | 10 18 0 | 0 10 6 | 11 8 6 | " |
| " | Town Hall | Lister, Geo. S. V. | Addiscott, C. J. | 59 | 20 | 6 | — | 42 | 547 | 42 | — | — | 16 16 0 | — | 16 16 0 | " |
| " | Wellington St. S. | Lloyd, J. H. | Hawes, A. T. | 28 | 2 | — | — | 22 | 119 | 15 | — | — | 3 9 0 | — | 3 9 0 | " |
| Brierley Hill | Albion House S. | Clulow, J. W. | Clark, D. / Lucas, H. | 101 | 48 | 12 | — | 59 | 459 | 29 | — | — | 13 8 0 | — | 13 8 0 | Brierley Hill. |
| " | Netherend S. | Cochrane, Rev. W. | Yeamon, N. | 24 | 14 | 3 | 1 | 21 | 191 | 19 | — | — | 5 19 0 | 0 8 0 | 6 7 0 | " |
| Burton-on-Trent | Horninglow St. | Bateman, C. J. | Simmonds, T. C. / Cook, J. T. | 54 | 13 | 3 | — | 46 | 314 | 32 | 1 | 3 | 12 16 0 | 3 12 6 | 16 8 6 | Burton-on-Trent. |
| Cannock | Infant S. | Broadbent, J. | Mulligan, J. A. | 2 | 2 | 1 | — | 6 | 33 | 5 | — | — | 2 7 0 | 2 8 5 | 4 15 5 | Cannock. |
| Codsall | N. S. | Prior, S. J. | Plant, D. | 5 | 5 | 5 | 2 | — | — | — | — | — | 4 10 0 | 0 15 3 | 5 5 3 | Codsall. |
| Darlaston | St. George's S. | Green, J. | Child, H. | 15 | 10 | 3 | — | 8 | 54 | 7 | 1 | — | 4 5 0 | 0 10 0 | 4 15 0 | Darlaston. |
| Dresden | Temp. Hall and Wkg. Men's Club. | Kent, Herbert C. | Bence, H. | 36 | 14 | 4 | — | 16 | 75 | 13 | — | — | 5 8 0 | — | 5 8 0 | Dresden. |
| Gornal (Upper). | N. S. | Ritson, J. | Burton, E. | 49 | 25 | 4 | — | 43 | 315 | 23 | — | — | 9 1 6 | 2 11 10 | 11 13 4 | Gornal (Upper). |
| Handsworth | St. Michael's S. | Cole, Rev. H. M. | Hurskine, E. | 40 | 21 | 8 | — | 35 | 525 | 33 | — | — | 14 4 0 | — | 14 4 0 | Handsworth. |
| " | Perry Barr Inst. | Vernon, W. H. | Heathcote, F. | 47 | 15 | 3 | — | 27 | 111 | 16 | — | — | 4 13 0 | 10 19 6 | 15 12 6 | |
| Leek | Mech. Inst. | Winfield, J. S. (jun.). | Bradbury, A. A. | 76 | 50 | 17 | 6 | 53 | 579 | 49 | 1 | 3 | 35 15 0 | 5 4 0 | 40 19 0 | Leek. " |
| Lichfield | N. S. | Hodson, J. H. | Slater, A. | 39 | 23 | 7 | — | 4 | 5 | 4 | 1 | — | 5 4 0 | 0 9 4 | 5 13 4 | Lichfield. |
| Longton | N. S. | Collett, Rev. E. | Whittaker, R. B. | 56 | 28 | 10 | 3 | 22 | 240 | 20 | — | — | 12 2 0 | 1 11 0 | 13 13 0 | Longton. |
| Rowley Regis | N. S. | Jukes, W. | Allen, R. W. | 32 | 12 | 2 | — | 21 | 216 | 19 | — | — | 5 13 0 | — | 5 13 0 | Rowley Regis |
| Sedgley | All Saints' S. | Graham, Rev. M. R. | Rhead, A. S. | 14 | 6 | 2 | — | — | — | — | — | — | 1 0 0 | — | 1 0 0 | Sedgley. |
| Smethwick | St. Matthew's S. | Howle, T. | Woodcock, C. | 47 | 22 | 1 | — | 35 | 383 | 22 | — | — | 4 17 0 | — | 4 17 0 | Smethwick. |

## List of Night Classes for Drawing, &c.—*cont.*

| Town. | Where held. | Secretary. | Teacher. | Number under Instruction in Drawing. | 2nd Grade Examination. | | | 3rd Grade Examination. | | | | | Amount of Payments on the Results of the Examination. | Aid on account of Prizes, Examples, &c. | Total Aid to Class. | Town. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Number examined. | Number successful. | No. who obtained Prizes. | No. of Students who sent up Works. | No. of Works sent up. | No. of Artisans whose works payments were claimed. | No. who obtained Prizes. 2nd Grade. | No. who obtained Prizes. 3rd Grade. | | | | |
| | | | | | | | | | | | | | £ s. d. | £ s. d. | £ s. d. | |
| Smethwick | Trinity S. | Beasley, Wm. | Sears, H. H. | 47 | 24 | 4 | 1 | 43 | 466 | 30 | — | — | 8 12 0 | 0 10 6 | 9 2 6 | Smethwick. |
| Tamworth | N. S. | Lambert, Rev. B. | Harper, E. | 33 | 21 | 10 | 5 | 32 | 613 | 16 | 1 | 2 | 13 10 0 | 3 18 5 | 17 8 5 | Tamworth. |
| Tipton | No. 8 Board S. | Millington, Sam. L. | Johnson, A. | 25 | 11 | 5 | — | 20 | 368 | 20 | — | — | 14 6 9 | — | 14 6 9 | Tipton. |
| „ | Ocker Hill N. S. | Solari, Rev. A. | Lane, F. | 55 | 27 | 7 | 1 | 53 | 503 | 52 | 1 | 1 | 29 2 0 | 0 10 2 | 29 12 2 | „ |
| Wednesbury | Old Park S., Darlaston Road. | Wimpress, C. | Ansell, W. | 60 | 14 | 4 | 2 | 30 | 257 | 27 | — | — | 12 10 0 | 0 18 8 | 13 18 8 | Wednesbury. |
| „ | Old Parish Ch. S. | Lyons, Rev. J. | Gregory, C. | 36 | 7 | 3 | — | 11 | 64 | 11 | 3 | — | 4 15 0 | 1 10 8 | 6 5 8 | „ |
| „ | St. James' N. S. | Grigson, Rev. E. | Anson, W. | 33 | 1 | — | — | 30 | 182 | 21 | — | — | 4 4 0 | — | 4 4 0 | „ |
| „ | St. John's S. | Stoney, Rev. R. B. | Knight, J. W. | 19 | 8 | 4 | — | 9 | 51 | 7 | — | — | 3 19 0 | — | 3 19 0 | „ |
| West Bromwich. | Christ Ch. S. | Hollier, E. J. | Robinson, B. | 129 | 58 | 8 | 1 | 49 | 365 | 41 | — | — | 13 17 0 | 0 9 1 | 14 6 1 | West Bromwich. |
| „ | Queen St. Board S. | Bunu, C. | Perkins, T. | 33 | 16 | 2 | — | 20 | 190 | 19 | — | — | 8 9 2 | — | 8 9 2 | „ |
| Willenhall | Lit. Inst. | Clark, J. | Gregory, C. | 21 | 10 | 3 | — | 11 | 97 | 11 | 2 | — | 5 0 0 | 1 0 0 | 6 0 0 | Willenhall. |
| Wolverhampton. | Dudley Road Board S. | Kenning, F. | Williams, J. | 43 | 27 | 3 | 1 | 39 | 300 | 30 | — | — | 8 16 0 | 0 10 0 | 9 6 0 | Wolverhampton. |
| Wordsley | N. S. | Northwood, J. | Johnson, B. | 47 | 11 | 2 | — | 31 | 179 | 21 | — | — | 5 11 0 | — | 5 11 0 | Wordsley. |
| **Suffolk.** | | | | | | | | | | | | | | | | |
| Beccles | N. S. | Crowfoot, W. E. | Anderson, W. | 27 | 10 | 6 | 1 | 18 | 301 | 16 | — | — | 11 12 0 | 0 19 0 | 12 2 0 | Beccles. |
| **Surrey.** | | | | | | | | | | | | | | | | |
| Battersea | Bolingbroke Rd. Bd. S. | Joseph, Jas. J. | Macdonald, R. F. / Matson, R. B. | 23 | 23 | 4 | 1 | 15 | 79 | 14 | — | — | 4 8 0 | 1 6 3 | 5 14 3 | Battersea. |
| „ | St. Mary's | Toone, Rev. J. | Crofts, M. | 17 | 23 | 5 | — | 15 | 197 | 9 | — | — | 5 18 0 | — | 5 18 0 | „ |
| „ | St. Philip's Bd. S. | Stevens, Rev. L. | Jones, R. R. | 54 | 25 | 10 | 1 | 34 | 345 | 25 | — | 1 | 16 12 6 | 4 11 4 | 21 3 10 | „ |
| „ | Shaftesbury Hall | Roe, Thos. | Wright, H. E. | 84 | 32 | 15 | 5 | 41 | 901 | 24 | — | — | 28 10 6 | 3 2 6 | 31 13 0 | „ |
| Battersea (West) | Belmont Works | Woodham, K. G. | Mansell, G. / Freeman, J. | 83 | 49 | 18 | 1 | 36 | 223 | 23 | — | — | 10 19 0 | 0 10 0 | 11 9 0 | Battersea (West). |
| Bermondsey | Mounow Road Bd. S. | McAll, Rev. G. | Clark, H. J. | 128 | 65 | 30 | 5 | 85 | 882 | 70 | 2 | 1 | 37 2 0 | 3 10 0 | 40 12 0 | Bermondsey. |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Blackfriars Road. | South London Wkg. Men's Coll. | Westlake, John - | Miller, A. J. - | 13 | 6 | 2 | 1 | 13 | 83 | 13 | — | — | 4 1 0 | | 0 10 0 | | 4 11 0 | | Blackfriars Road. |
| Camberwell | Youths' Inst. - | Hope, Rev. D. - | Griffiths, T. - | 27 | 10 | 4 | — | — | — | — | — | — | 3 0 0 | | — | | 3 0 0 | | Camberwell. |
| Dulwich | St. John's Boys' S. | Philpot, H. J. - | Pittman, H. C. - | 15 | 7 | 3 | — | 6 | 30 | 5 | — | — | 2 0 0 | | 1 9 3 | | 3 9 3 | | Dulwich. |
| Godalming - | Gram. S. - | Nevill, Ralph - | Roberts, W. T. - | 117 | 31 | 10 | 3 | 34 | 387 | 34 | — | — | 15 12 6 | | 1 8 4 | | 17 0 10 | | Godalming. |
| Guildford - | Wkg. Men's Inst. - | Campbell, Capt. C. D. - | Roberts, W. T. Downes, G.W. | 158 | 96 | 32 | 13 | 64 | 791 | 59 | 2 | — | 35 16 0 | | 7 2 3 | | 42 18 3 | | Guildford. |
| Lambeth - | Hercules Buildings Boys' S. | Jones, Walter W. | Hernaman, J. - | 51 | 41 | 20 | 2 | 14 | 144 | 13 | — | — | 13 0 0 | | 0 13 10 | | 13 13 10 | | Lambeth. |
| New Kent Road. | St. Matthew's N. S. Y. | Thomson, Rev. W. | Griffiths, T. - | 27 | 19 | 8 | — | — | — | — | — | — | 5 0 0 | | — | | 5 0 0 | | New Kent Road. |
| Norwood (Lower). | The Institute - | Franks, W. E. | Hale, Robt. - | 43 | 22 | 13 | — | 17 | 137 | 12 | 1 | 1 | 9 6 0 | | 4 4 8 | | 13 10 8 | | Norwood (Lower). |
| Old Kent Road | Asylum Road N. S. | Fenton, Rev. C. E. | Williams, J. A. - | 35 | 19 | 2 | — | — | — | — | — | — | 2 4 0 | | — | | 2 4 0 | | Old Kent Rd. |
| Peckham - | Stafford St. Wes. S. | Rowse, Ed. - - | Faulkner, J. - | 94 | 52 | 21 | 2 | 40 | 504 | 45 | — | 1 | 36 18 6 | | 10 2 8 | | 47 1 2 | | Peckham. |
| Richmond - | The Vineyard B. S. | Hopwood, Mary - | Marwood, D. - | 39 | 23 | 14 | 6 | 24 | 104 | 23 | — | 1 | 17 14 0 | | 3 15 6 | | 21 9 6 | | Richmond. |
| Rotherhithe - | Lower Deptford Road Gram. S. | Moore, Robt. - | Trego, W. - | 34 | 20 | 16 | 4 | 35 | 297 | 30 | 2 | 1 | 29 10 0 | | 3 5 10 | | 32 15 10 | | Rotherhithe. |
| „ - | Lower Deptford Road N. S. | Stevens, Rev. R. C. | Streeter, A. - | 32 | 14 | 4 | — | 18 | 137 | 15 | — | — | 7 6 0 | | 2 3 4 | | 9 9 4 | | „ |
| Southwark - | Chapel Place Wes. S. | Widgington, J. R. | Leary, T. G. - | 20 | 14 | 10 | 4 | 31 | 142 | 10 | — | — | 7 9 0 | | 1 14 11 | | 9 3 11 | | Southwark. |
| „ - | Swan St. N. S. - | Bayles, W. J. - | Parry, P. - - | 2 | 2 | 1 | — | — | — | — | — | — | | | — | | — | | „ |
| Surbiton - | St. Mark's S. - - | Ker, M. W. - - | Stoner, T. B. - | 73 | 37 | 21 | 5 | 50 | 79 | 37 | — | — | 22 7 0 | | 2 12 2 | | 24 19 2 | | Surbiton. |
| Vauxhall - | L. & S. W. Railway Inst. | Grimsdick, J. - | Parry, P. - - | 1 | 1 | — | — | 1 | 10 | 1 | — | — | 0 7 6 | | — | | 0 7 6 | | Vauxhall. |
| **Sussex.** | | | | | | | | | | | | | | | | | | | |
| Littlehampton | Lecture Hall - - | Town, Jno. - - | Davis, T. - - | 29 | 23 | 8 | 2 | — | — | — | — | — | 6 10 0 | | 0 12 11 | | 7 2 11 | | Littlehampton. |
| **Warwick.** | | | | | | | | | | | | | | | | | | | |
| Aston - - | Mid. Cl. S. - - | Carcless, Jno. S. - | Temperley, J. - | 21 | 8 | 1 | — | 15 | 205 | 14 | — | — | 5 15 0 | | — | | 5 15 0 | | Aston. |
| Birmingham - | All Saints Central S. | Reakes, Rev. T. - | Robertson, M. D. | 77 | 14 | 3 | — | 30 | 118 | 24 | — | — | 4 16 0 | | — | | 4 16 0 | | Birmingham. |
| „ - | Bishop Ryder's N. S. | Heaven, Rev. C. A. | Shirley, J. - | 48 | 30 | 4 | 1 | 30 | 179 | 27 | — | — | 6 15 0 | | 0 10 6 | | 7 5 6 | | „ |
| „ - | Bloomsbury Inst. - | Edwards, Wm. - | Smith, A. F. - | 34 | 12 | 5 | 2 | 26 | 375 | 14 | — | — | 9 6 0 | | 0 15 3 | | 10 1 3 | | „ |
| „ - | Cambridge St. Works. | Torr, Chas. - - | Cox, T. - - | 22 | 4 | 1 | — | 12 | 45 | 10 | — | — | 3 4 0 | | — | | 3 4 0 | | „ |
| „ - | Farm St. S. - - | Owen, Jas. - - | Betton, A. - - | 31 | 13 | 4 | — | 42 | 305 | 29 | — | — | 7 14 0 | | — | | 7 14 0 | | „ |
| „ - | Heneage St. Baptist S. | Stephenson, B. - | Harper, E. - | 56 | 31 | 8 | 1 | 53 | 690 | 33 | 1 | — | 15 14 6 | | 1 0 0 | | 16 14 6 | | „ |
| „ - | Howard St. Inst. - | Miles, W. - - | Wilkinson, H. Reeves, W. - Collett, H. - Atkins, H. - | 160 | 84 | 37 | 6 | 182 | 2187 | 162 | 5 | 3 | 84 18 0 | | 12 15 2 | | 97 13 2 | | „ |

## List of Night Classes for Drawing, &c.—*cont.*

| Town. | Where held. | Secretary. | Teacher. | Number under Instruction in Drawing. | 2nd Grade Examination. | | | 3rd Grade Examination. | | | | | Amount of Payments on the Results of the Examination. | | | Aid on account of Prizes, Examples, &c. | | | Total Aid to Class. | | | Town. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Number examined. | Number successful. | No. who obtained Prizes. | No. of Students who sent up Works. | No. of Works sent up. | No. of Artisans on whose works payments were claimed. | No. who obtained Prizes. 2nd Grade. | No. who obtained Prizes. 3rd Grade. | | | | | | | | | | |
| | | | | | | | | | | | | | £ | s. | d. | £ | s. | d. | £ | s. | d. | |
| Birmingham - | Lozells Cong. Chapel S. | Jelf, Jno. - - | Morgan, C. - | 75 | 27 | 13 | 2 | 55 | 346 | 52 | 2 | 3 | 24 | 10 | 0 | 6 | 19 | 1 | 31 | 9 | 1 | Birmingham. |
| „ - | Priory Schoolroom | Sturge, Miss E. M. | Reeves, W. - | 79 | 14 | 3 | — | 40 | 703 | 37 | — | — | 12 | 12 | 0 | — | | | 12 | 12 | 0 | „ |
| „ - | St. Barnabas S. - | Barton, Rev. B. F. | Roe, W. - / Hynard, W. - | 50 | 26 | 4 | — | 31 | 252 | 29 | — | — | 10 | 7 | 0 | — | | | 10 | 7 | 0 | „ |
| „ - | St. George's S., Smith St. | Smith, Geo. - - | Betton, A. - - | 16 | 11 | 2 | 1 | 7 | 41 | 7 | — | — | 2 | 19 | 0 | 0 | 3 | 5 | 3 | 2 | 5 | „ |
| „ - | St. John's S., Ladywood. | Shorthouse, J. H. | Mountford, T. - | 47 | 40 | 19 | 5 | 43 | 228 | 40 | — | — | 20 | 3 | 0 | 2 | 3 | 11 | 22 | 6 | 11 | „ |
| „ - | St. Paul's S., Spencer St. | Burges, Rev. R. B., M.A. | Temperley, J. - | 92 | 46 | 18 | 2 | 70 | 954 | 64 | — | — | 28 | 0 | 0 | 0 | 10 | 6 | 28 | 10 | 6 | „ |
| „ - | Severn St. B. S. - | Cadbury, Joel - | Adams, A. W. - | 217 | 91 | 45 | 8 | 177 | 3329 | 173 | — | — | 97 | 9 | 0 | 3 | 7 | 4 | 100 | 16 | 4 | „ |
| „ - | Unitarian S., Newhall Hill. | Derrington, Thos. F. | Willington, W. T. | 40 | 16 | 6 | — | 30 | 245 | 27 | — | — | 9 | 15 | 0 | — | | | 9 | 15 | 0 | „ |
| „ | Young Men's Chr. Assoc. - | Southall, A. - - | Wilkins, W. - / Cheshire, F. - | 123 | 63 | 29 | 2 | 106 | 440 | 84 | 1 | 3 | 41 | 16 | 6 | 2 | 12 | 1 | 44 | 8 | 7 | „ |
| Coventry - | St. Peter's N. S. - | Tabberer, Rev. G. | Bates, J. I. - | 49 | 16 | 3 | — | 26 | 221 | 18 | — | — | 7 | 4 | 0 | — | | | 7 | 4 | 0 | Coventry. |
| Erdington - | Public Hall and Inst. | Flint, Chas. - - | Heathcote, F. - | 33 | 12 | 1 | — | 22 | 164 | 13 | — | — | 4 | 5 | 0 | — | | | 4 | 5 | 0 | Erdington. |
| Hartshill - | Schoolroom, Secondary Day S. | Wright, Jno. - | Dixon, A. C. - | 6 | 5 | 2 | — | 6 | 94 | 6 | — | — | 2 | 13 | 0 | — | | | 2 | 13 | 0 | Hartshill |
| Rugby - - | Inst. and St. Matthew's S. | Warner, H. Lee - | Phillips, W. - | 38 | 17 | 3 | 1 | 33 | 353 | 31 | — | — | 9 | 7 | 0 | 5 | 8 | 4 | 14 | 15 | 4 | Rugby. |
| WILTS. | | | | | | | | | | | | | | | | | | | | | | |
| Swindon - | G. W. Railway S. - | Hill, Henry - - | Bunker, J. - | 180 | 45 | 17 | 4 | 96 | 566 | 71 | 2 | 1 | 26 | 12 | 0 | 3 | 9 | 11 | 30 | 1 | 11 | Swindon. |
| Wilton - - | Town Hall - - | Straton, C. R. - | Harris, J. - | 29 | 19 | 8 | 1 | 26 | 216 | 24 | 1 | 1 | 13 | 3 | 0 | 1 | 8 | 7 | 14 | 11 | 7 | Wilton. |
| WORCESTER. | | | | | | | | | | | | | | | | | | | | | | |
| Bewdley - | N. S. - - - | Fortescue, Rev. J. | Vickrage, W. H. | 29 | 23 | 5 | 2 | 28 | 310 | 21 | — | 1 | 12 | 4 | 0 | 1 | 11 | 3 | 13 | 15 | 3 | Bewdley. |
| Bewdley and Wribbenhall. | Wkg. Men's Inst. - | Binns, W. - - | Birtwistle, J. - | 31 | 20 | 4 | 1 | 37 | 122 | 33 | 1 | — | 10 | 19 | 0 | 1 | 0 | 2 | 11 | 19 | 2 | Bewdley and Wribbenhall. |

| | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Catshill - - | N. S. - - - | Housman, E. - | Abel, G. B. | 5 | 2 | — | — | 4 | 19 | 4 | — | — | — | | — | | — | | — | Catshill. |
| Droitwich - | N. S. - - - | Lea, Rev. W. - | Jeacock, J. S. - | 25 | 8 | 1 | — | 17 | 123 | 11 | — | — | 2 | 11 | 0 | — | | 2 | 11 | 0 | Droitwich. |
| Dudley - - | Blue Coat S. - - | Brettell, Thos. - | Williams, Jos. - | 31 | 15 | 6 | — | 18 | 403 | 18 | — | — | 10 | 4 | 0 | 2 | 11 11 | 12 | 15 | 11 | Dudley. |
| „ - - | Holly Hall S. - | Simpson, B. - | Crompton, A. - | 94 | 15 | 3 | 1 | 73 | 704 | 61 | 1 | 1 | 23 | 11 | 0 | 2 | 3 0 | 25 | 14 | 0 | „ |
| „ - - | Mech. Inst. - - | Woodhouse, Wm. | Causer, W. G. - | 4 | 2 | — | — | 36 | 189 | 27 | — | — | | — | | | — | | — | | „ |
| „ - - | St. James' S. - - | Dennison, M. - | Westbury, G. J. | 27 | 10 | 2 | — | 27 | 385 | 25 | — | — | 9 | 11 | 0 | | — | 9 | 11 | 0 | „ |
| Evesham - | Inst. - - - | Brown, W. W. - | Ridsdale, E. S. - | 11 | 10 | 6 | 1 | 11 | 213 | 11 | — | — | 15 | 4 | 0 | 0 | 10 0 | 15 | 14 | 0 | Evesham. |
| Kidderminster | St. George's S. - | Thompson, Rev. W. E. | Bending, A. E. - | 2 | 2 | 1 | — | 2 | 10 | 2 | — | — | 1 | 5 | 0 | | — | 1 | 5 | 0 | Kidderminster. |
| Malvern (North.) | N. S. - - - | Ranken, Rev. C. E. | Allberry, E. - | 19 | 12 | 4 | 1 | 5 | 16 | 5 | — | — | 3 | 0 | 0 | 0 | 10 6 | 3 | 10 | 6 | Malvern (North.) |
| Moseley - - | N. S. - - - | Davison, Rev. J. R. | Riden, Albert - | 15 | 11 | 2 | 1 | 14 | 119 | 14 | 1 | — | 6 | 14 | 0 | 1 | 0 0 | 7 | 14 | 0 | Moseley. |
| Oldbury - | Chance's S. - - | Chance, Alexr. M. | {Robinson, B. / Lewis, T.} | 127 | 33 | 9 | 3 | 86 | 513 | 70 | 1 | — | 21 | 0 | 0 | 1 | 19 0 | 22 | 19 | 0 | Oldbury. |
| „ - - | N. S. - - - | Gill, Jos. - - | Spencer, P. - | 92 | 41 | 1 | — | 48 | 470 | 44 | — | — | 13 | 11 | 0 | | — | 13 | 11 | 0 | „ |
| Pershore - | N. S. - - - | Walters, Rev. W. | Craddock, E. - | 23 | 41 | 5 | 1 | 22 | 246 | 18 | 1 | 1 | 15 | 17 | 0 | 1 | 7 5 | 17 | 4 | 5 | Pershore. |
| Quinton - | N. S. - - - | White, Thos. - | Millward, A. - | 33 | 22 | 5 | 2 | 22 | 210 | 22 | — | — | 12 | 1 | 0 | 0 | 13 3 | 12 | 14 | 3 | Quinton. |
| Selly Oak - | St. Mary's S. - | Elliot, H. W. - | Humphreys, W. | 27 | 22 | 3 | — | 18 | 18 | 18 | — | — | 6 | 12 | 0 | | — | 6 | 12 | 0 | Selly Oak. |
| Stourbridge - | St. John's S. - | Marten, E. B. - | Bottomley, D. - | 34 | 16 | 1 | — | 29 | 186 | 29 | — | — | 8 | 6 | 0 | | — | 8 | 6 | 0 | Stourbridge. |
| Stourport - | N. S. - - - | Williams, Rev. H. H. | Dorsett, W. - | 49 | 27 | 6 | 1 | 30 | 162 | 28 | 2 | — | 14 | 12 | 0 | 1 | 3 5 | 15 | 15 | 5 | Stourport. |
| Upton-on-Severn. | N. S. - - - | Menyens, Rev. A. G. M. | Longman, W. T. | 13 | 9 | 5 | 3 | — | — | — | — | — | 1 | 0 | 0 | 1 | 1 9 | 2 | 1 | 9 | Upton-on-Severn. |
| Worcester - | Brewers S. - - | Eaton, Fred. - | Craddock, E. - | 10 | 3 | 1 | — | 4 | 52 | 4 | — | — | 2 | 5 | 0 | | — | 2 | 5 | 0 | Worcester. |
| „ - | St. Geo. S., Claines | Gardiner, Rev. W. | Pain, H. - - | 14 | 5 | 1 | — | 13 | 128 | 12 | — | — | 5 | 1 | 0 | | — | 5 | 1 | 0 | „ |
| „ - | St. Peter's S. - - | Day, Harry - - | Coombs, S. - | 24 | 15 | 4 | — | — | — | — | — | — | 2 | 0 | 0 | | — | 2 | 0 | 0 | „ |
| „ - | St. Stephen's N. S., Barbourne. | Curtler, Rev. T. G. | Craddock, E. - | 39 | 13 | 5 | 3 | 29 | 449 | 27 | — | — | 15 | 2 | 0 | 1 | 9 1 | 16 | 11 | 1 | „ |
| YORKS. | | | | | | | | | | | | | | | | | | | | | |
| Armley - - | Strawberry House | Goodall, Rev. W. - | Lees, S. W. - | 46 | 14 | 4 | 1 | 10 | 38 | 7 | 1 | — | 4 | 19 | 0 | 0 | 10 0 | 5 | 9 | 0 | Armley. |
| Baildon - - | C. of E. S. - - | Mann, J. W. - | Kenyon, J. - | 10 | 6 | 1 | — | 7 | 57 | 7 | — | — | 3 | 17 | 0 | | — | 3 | 17 | 0 | Baildon. |
| Barnoldswick | Mech. Inst. - - | Slater, S - - | {Lancaster, S. / Thompson, T.} | 23 | 14 | 5 | — | — | — | — | — | — | 3 | 0 | 0 | | — | 3 | 0 | 0 | {Barnoldswick. |
| Barnsley | Pitt St. N. S. - - | Lawson, Rev. J. S. | Warbrook, J. G. | 24 | 10 | 4 | 2 | 13 | 79 | 12 | — | — | 6 | 5 | 0 | 8 | 11 11 | 14 | 16 | 11 | Barnsley. |
| Batley - - | Mech. Inst. - - | Bagshaw, Chas. - | Allaun, M. - | 59 | 43 | 18 | 5 | 57 | 288 | 55 | 7 | 4 | 61 | 11 | 0 | 7 | 0 8 | 68 | 11 | 8 | Batley. |
| Bingley - - | Mech. Inst. - - | Fox, J. D. - - | Clough, R. - | 35 | 26 | 9 | — | 34 | 199 | 34 | 5 | — | 24 | 8 | 0 | 4 | 17 3 | 29 | 5 | 3 | Bingley. |
| Bradford - | Manchester Road Model S. | Chute, Rev. J. - | Kenyon, Jos. - | 28 | 18 | 3 | 1 | 15 | 104 | 15 | — | — | 7 | 2 | 0 | 0 | 10 0 | 7 | 12 | 0 | Bradford. |
| „ - - | Coll. Chap. S. - - | Boyd, E. I. - - | Wainwright, L. A. | 4 | 4 | — | — | 4 | 27 | 4 | — | — | | — | | | — | | — | | „ |
| Bramley - | N. S. - - - | Mann, J. P. - - | Swire, J. - - | 18 | 13 | 2 | — | 16 | 38 | 12 | 1 | 1 | 6 | 9 | 0 | 0 | 15 3 | 7 | 4 | 3 | Bramley. |
| Calverley - | Ch. Inst. - - | Higgins, W. - | Chester, Jno. | 11 | 7 | 2 | — | 8 | 55 | 6 | — | — | 2 | 4 | 0 | | — | 2 | 4 | 0 | Calverley. |
| „ - - | Mech. Inst. - - | Grimshaw, J. - | Blatchly, J. J. | 16 | 12 | 6 | 1 | 8 | 126 | 8 | — | — | 7 | 1 | 0 | 0 | 10 6 | 7 | 11 | 6 | „ |
| Chapel-Allerton. | Ch. Schs. - - | Knight, J. C. - | Tankard, J. - | 13 | 10 | 3 | — | 10 | 23 | 10 | 1 | — | 5 | 2 | 0 | 0 | 10 6 | 5 | 12 | 6 | Chapel Allerton. |

List of Night Classes for Drawing, &c.—*cont.*

| Town. | Where held. | Secretary. | Teacher. | Number under Instruction in Drawing. | 2nd Grade Examination. Number examined. | 2nd Grade Examination. Number successful. | 2nd Grade Examination. No. who obtained Prizes. | 3rd Grade Examination. No. of Students who sent up Works. | 3rd Grade Examination. No. of Works sent up. | 3rd Grade Examination. No. of Artisans on whose works payments were claimed. | 3rd Grade Examination. No. who obtained Prizes. 2nd Grade. | 3rd Grade Examination. No. who obtained Prizes. 3rd Grade. | Amount of Payments on the Results of the Examination. £ s. d. | Aid on account of Prizes, Examples, &c. £ s. d. | Total Aid to Class. £ s. d. | Town. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Copley - - | S. - - - - | Walker, T. I. - | Watson, J. - | 18 | 7 | 3 | — | 18 | 180 | 12 | — | — | 5 5 0 | — | 5 5 0 | Copley. |
| Dewsbury - | Mech. Inst. - - | Lee, P. F. - | Bower, J. - | 31 | 30 | 6 | 1 | 20 | 86 | 19 | — | — | 8 9 9 | 0 10 0 | 8 19 9 | Dewsbury. |
| Doncaster - | G. N. Railway Schs. | Booth, Geo. - | Branston, Z. H. | 76 | 42 | 15 | 7 | 60 | 736 | 60 | 1 | 2 | 39 9 0 | 4 19 9 | 44 8 9 | Doncaster. |
| Driffield (Great). | Bridlington Road Bd. S. | Wigmore, Wm. - | Sparkes, Wm. - | 17 | 16 | 4 | 1 | 8 | 22 | 8 | — | — | 3 11 0 | 0 10 6 | 4 1 6 | Driffield (Great). |
| „ - - | Cross Hill N. S. - | Tonge, R. - - | Santon, W. - | 17 | 16 | 7 | 2 | 17 | 110 | 17 | 1 | 1 | 18 4 0 | 2 0 8 | 20 4 8 | „ |
| Earby - - | Wes. S. - - - | Burrow, T. P. - | Leach, S. - - | 14 | 13 | 5 | — | 5 | 32 | 2 | — | — | 3 15 0 | — | 3 15 0 | Earby. |
| Eccleshill - | Mech. Inst. - - | Adcock, J. S. - | Clough, R. / Lupton, T. | 21 | 14 | 5 | 1 | 15 | 95 | 13 | — | — | 7 4 0 | 0 5 3 | 7 9 3 | Eccleshill. |
| Farnley - - | Iron Company's S. | Geer, Rev. H. I. - | Oldfield, G. - | 19 | 15 | 3 | — | 11 | 18 | 9 | — | — | 3 16 0 | — | 3 16 0 | Farnley. |
| Gargrave - | Mech. Inst - - | Davis, W. H. - | Mallinson, T. - | 15 | 8 | 1 | — | 4 | 15 | 4 | — | — | 1 5 0 | — | 1 5 0 | Gargrave. |
| Great Horton - | N. S. - - - | Ward, W. - - | Smith, L. C. - | 26 | 19 | 8 | 2 | 25 | 333 | 24 | — | 1 | 22 10 0 | 1 10 8 | 24 0 8 | Gt. Horton. |
| „ - | Wes. S. - - - | Ward, Rev. A. G. - | Butterworth, T. | 17 | 8 | 1 | 1 | 7 | 133 | 7 | — | — | 6 10 0 | 0 12 4 | 7 2 4 | „ |
| Guiseley - | Mech. Inst. - - | Walsh, J. F. - | Blatchly, W. - | 36 | 14 | 3 | 1 | 13 | 80 | 9 | — | — | 4 4 0 | 0 5 3 | 4 9 3 | Guiseley. |
| Halifax - - | Wkg. Men's Coll. - | Gibb, Geo. - - | Aves, J. J. - | 40 | 21 | 9 | 2 | 12 | 44 | 11 | — | — | 8 0 0 | 3 7 10 | 11 7 10 | Halifax. |
| Haworth - | Mech. Inst. - - | Ogden, M. - - | Roper, W. - | 5 | 3 | — | — | 5 | 12 | 5 | — | — | 1 19 0 | — | 1 19 0 | Haworth. |
| Heaton - - | N. S. - - - | Miller, Rev. T. - | Kille, C. - - | 9 | 8 | 1 | — | 8 | 64 | 7 | — | — | 2 9 0 | — | 2 9 0 | Heaton. |
| Heckmondwike | Mech. Inst. - - | Farrer, H. M. - | Allaun, M. - / Beaumont, S. / S. - - | 21 | 15 | 6 | 1 | 18 | 60 | 18 | — | — | 10 0 0 | 4 10 2 | 14 10 2 | Heckmondwike. |
| Holbeck | Mech. Inst. - - | Walbank, B. - | Cryer, T. - - | 83 | 46 | 8 | 1 | 16 | 67 | 14 | — | — | 8 4 0 | 0 10 6 | 8 14 6 | Holbeck. |
| „ - - | Wes. S. - - - | Ellis, J. - - | Coles, Jas. - | 30 | 19 | 3 | — | 22 | 168 | 16 | — | — | 4 19 0 | — | 4 19 0 | „ |
| Honley - - | N. S. - - - | Goold, Rev. W. - | Stacey, J. - - | 60 | 33 | 5 | 1 | 26 | 263 | 26 | — | — | 8 12 0 | 0 9 4 | 9 1 4 | Honley. |
| Horsforth - | Mech. Inst. - - | Cheetham, C. E. - | Stevenson, A. / Swire, J. - | 13 | 12 | 5 | — | 13 | 49 | 13 | — | — | 8 9 0 | — | 8 9 0 | Horsforth. |
| Howden - | N. S. - - - | Green, H. - - | Stork, Frank - | 25 | 13 | 7 | 2 | 9 | 32 | 5 | — | — | 3 16 0 | 1 0 0 | 4 16 0 | Howden. |
| Hull - - | Church Inst. - - | Woodhouse, J. T. | Elsom, A. - - | 10 | 8 | 2 | 1 | 11 | 109 | 10 | — | — | 4 8 0 | 0 10 0 | 4 18 0 | Hull. |
| „ - - | Courtney St. Bd. | | Broad, T. - | 33 | 16 | 7 | 3 | 16 | 255 | 16 | — | — | 9 10 0 | 9 7 1 | 18 17 1 | „ |
| „ - - | Daltry St. Bd. S. - | Lamb, G. - - | Somerscales, A. | 8 | 8 | — | — | 3 | 33 | — | — | — | — | — | — | „ |
| „ - - | Wawne St. Bd. S. | | Farrah, W. H. | 18 | 5 | 4 | — | 9 | 104 | 8 | — | — | 6 11 0 | — | 6 11 0 | „ |

| | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| " | - | Young People's Inst. | Raven, G. - | Elsom, A. - | 45 | 36 | 13 | 1 | 43 | 507 | 41 | — | — | 20 | 12 | 0 | 0 | 10 | 6 | 21 | 2 | 6 | " |
| Ilkley | - | College - - | Hainsworth, Jno. | Arundale, W. M. | 56 | 48 | 14 | 3 | 7 | 46 | 7 | 2 | 1 | 6 | 3 | 0 | 12 | 18 | 2 | 19 | 1 | 2 | Ilkley. |
| " | - | High S. - - | Legge, H. - | Allaun, M. - | 31 | 22 | 2 | — | — | — | — | — | — | 5 | 15 | 0 | 1 | 6 | 5 | 7 | 1 | 5 | " |
| Kirkstall | - | St. Stephen's N. S. | Barrett, Geo. - | Rhodes, T. G. - | 23 | 9 | 3 | 1 | 10 | 35 | 10 | — | — | 3 | 19 | 0 | 4 | 3 | 10 | 8 | 2 | 10 | Kirkstall. |
| Leeds | - | Buslingthorpe N. S. | Bailes, R. - | Harris, W. J. P. | 14 | 6 | 2 | — | 12 | 95 | 9 | — | — | | | | | | | | | | Leeds. |
| " | - | Burley Road Ed. S. - - | Lee, W. - - | Welch, G. W. - | 18 | 13 | 4 | — | — | — | — | — | — | 2 | 10 | 0 | — | | | 2 | 10 | 0 | " |
| " | - | Carlton Hill Ed. S. - - | | Brookes, E. - | 78 | 65 | 11 | 1 | 72 | 545 | 60 | — | — | 19 | 3 | 0 | 0 | 10 | 6 | 19 | 13 | 6 | " |
| " | - | Coll. and Comml. S., Brunswick Terrace - - | Braithwaite, Geo. | Watson, T. - Carns, R. L. - Massie, G. E. | 87 | 14 | 2 | — | — | — | — | — | — | 1 | 10 | 0 | — | | | 1 | 10 | 0 | " |
| " | - | Hunslet Mech. Inst. - - | Turton, I. - - | Harris, R. F. P. - Harris, W. J. P. - | 28 | 6 | 2 | — | 13 | 48 | 13 | — | — | 5 | 17 | 0 | — | | | 5 | 17 | 0 | " |
| " | - | Jack Lane Bd. S. | Lee, W. - - | Lawson, Miss M. | 30 | 14 | 3 | — | — | — | — | — | — | 2 | 0 | 0 | — | | | 2 | 0 | 0 | " |
| " | - | Middle Class S., Woodhouse Lane. | Wood, Rev. F. T. - | Smith, Miss Jessie. | 25 | 33 | 3 | — | 8 | 13 | 8 | — | — | 3 | 14 | 0 | — | | | 3 | 14 | 0 | " |
| " | - | Pottery Fields Wes. S. | Woolley, Jabez - | Greenwood, Jno. | 33 | 16 | 2 | — | 22 | 141 | 18 | — | — | 6 | 0 | 0 | — | | | 6 | 0 | 0 | " |
| " | - | St. John Baptist S., Newtown. | Brown, W. - - | Harris, R. F. P. | 19 | 13 | 2 | — | 18 | 83 | 17 | — | — | 5 | 4 | 0 | — | | | 5 | 4 | 0 | " |
| " | - | St. Mary's S., Quarry Hill - - | Bickerdike, Rev. J. | Columbine, H. - Columbine, B. F. - | 57 | 50 | 9 | 2 | 48 | 109 | 47 | — | — | 22 | 0 | 0 | 0 | 18 | 4 | 22 | 18 | 4 | " |
| " | - | St. Matthew's S., Meanwood St. | Clarke, Rev. A. - | Tankard, J. - | 15 | 9 | 4 | 1 | — | — | — | — | — | 5 | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 0 | " |
| " | - | St. Stephen's S. - | Kelk, Rev. A. H. - | Thompson, H. - | 4 | 3 | — | — | — | — | — | — | — | 8 | 14 | 0 | 0 | 10 | 0 | 9 | 4 | 0 | " |
| " | - | Wintoun St. Ed. S. | Lee, W. - - | Foster, S. G. - | 30 | 24 | 5 | 1 | 23 | 131 | 19 | — | — | 6 | 9 | 0 | 1 | 0 | 0 | 7 | 9 | 0 | " |
| " | - | Woodhouse Mech. Inst. | Robshaw, W., jun. | Blaker, H. - | 12 | 8 | 3 | 2 | 10 | 103 | 10 | — | — | | | | | | | | | | " |
| " | - | Wkg. Men's Hall, Park St. | Butterfield, B. - | Harris, R. F. P. | 47 | 27 | 8 | 1 | 43 | 162 | 36 | 5 | 2 | 18 | 11 | 0 | 3 | 12 | 0 | 22 | 3 | 0 | " |
| " | - | Young Men's Christian Assoc., South Parade. | Thorne, H. - - | Allaun, M. - | 58 | 27 | 9 | 3 | 42 | 177 | 42 | 7 | 1 | 34 | 2 | 0 | 8 | 12 | 6 | 42 | 14 | 6 | " |
| Lindley | - | Mech. Inst. - - | Brook, J. W. - - | Gardiner, A. - | 20 | 11 | 6 | — | — | — | — | — | — | 3 | 0 | 0 | — | | | 3 | 0 | 0 | Lindley. |
| Malham | - | United Schs. - - | Henley, Rev. T. C. | Hicks, E. W. - | 6 | 5 | 4 | 1 | — | — | — | — | — | 1 | 0 | 0 | | | | 4 | 2 | 10 | Malham. |
| Meltham Mills | | N. S. - - | Hirst, T. J. - - | Jacobs, W. - | 15 | 15 | 1 | — | 6 | 46 | 6 | — | — | 4 | 1 | 0 | 3 | 2 | 10 | 4 | 14 | 10 | Meltham Mills. |
| Mirfield | - | Mech. Inst. - - | Barker, Jno. - | Allaun, M. - Beaumont, S. - | 27 | 24 | 5 | — | 27 | 95 | 25 | — | — | 10 | 1 | 0 | 0 | 13 | 10 | 10 | 1 | 0 | Mirfield. |
| " | - | Wes. S. - - | " " - | Osborne, N. H. | 25 | 18 | 4 | — | — | — | — | — | — | 2 | 10 | 0 | — | | | 2 | 10 | 0 | " |

## List of Night Classes for Drawing, &c.—*cont.*

| Town. | Where held. | Secretary. | Teacher. | Number under Instruction in Drawing. | 2nd Grade Examination. | | | 3rd Grade Examination. | | | | | Amount of Payments on the Results of the Examination. | Aid on account of Prizes, Examples, &c. | Total Aid to Class. | Town. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Number examined. | Number successful. | No. who obtained Prizes. | No. of Students who sent up Works. | No. of Works sent up. | No. of Artisans on whose works payments were claimed. | No. who obtained Prizes. 2nd Grade. | No. who obtained Prizes. 3rd Grade. | | | | |
| | | | | | | | | | | | | | £ s. d. | £ s. d. | £ s. d. | |
| Morley - - | St. Peter's S. - | Scatcherd, S. - | Butler, E. - - | 32 | 28 | 11 | 1 | 27 | 248 | 25 | — | — | 15 0 0 | 0 10 0 | 15 10 0 | Morley. |
| Otley - - | Mech. Inst. - - | Walker, A. - - | Clough, R. - | 24 | 9 | 4 | 1 | 13 | 150 | 11 | 2 | — | 7 12 0 | 1 4 7 | 8 16 7 | Otley. |
| „ - - | Wes. S. - - - | Blanshard, Rev. T. W. | Parkinson, T. - | 28 | 9 | — | — | 27 | 409 | 19 | — | — | 5 11 0 | — | 5 11 0 | „ |
| Pudsey - - | Ch. Inst. Chapeltown. | Tunnicliffe, J. - | Baxter, J. T. - | 12 | 4 | 1 | — | 4 | 66 | 4 | — | — | 2 4 0 | — | 2 4 0 | Pudsey. |
| Scarborough - | Cent. Bd. S. - - | Dippie, G. - - | Brown, J. - - | 21 | 14 | 3 | — | 15 | 34 | 15 | — | — | 5 16 0 | — | 5 16 0 | Scarborough. |
| „ - | Mech. Inst. - - | Cross, L. S. - - | Yewdall, J. H. - | 42 | 19 | 9 | 2 | 32 | 442 | 29 | — | — | 18 3 0 | 2 9 1 | 20 12 1 | „ |
| „ - | Castle Rd. N. S. - | Sale, Rev. H. T. - | Corney, A. - | 36 | 24 | 7 | 1 | 30 | 262 | 30 | — | — | 23 8 0 | 0 10 6 | 23 18 6 | „ |
| Sheffield - | Attercliffe Bd. S. - | Wightman, A. - | Cox, W. - - Lunn, R. - Farnsworth, E. - | 15 | 11 | 3 | — | — | — | — | — | — | 6 19 0 | — | 6 19 0 | Sheffield. |
| „ - | Carbrook Bd. S. - | Moss, John F. - | Ripper, Wm. - | 39 | 14 | — | — | 9 | 114 | 8 | — | — | 2 11 0 | — | 2 11 0 | „ |
| „ - | Chris. and Educ. Inst., Surrey St. | Davenport, Geo. - | Turner, R. - | 83 | 45 | 12 | 2 | 73 | 721 | 60 | 3 | 3 | 35 16 0 | 3 17 10 | 35 13 10 | „ |
| „ - | Ch. of Eng. Educ. Inst., St. James' Street. | Baker, W. - - | Jones, J. - - | 102 | 46 | 11 | 2 | 28 | 227 | 25 | — | — | 7 0 0 | 1 0 2 | 8 0 2 | „ |
| „ - | 1st W. Yorks Eng. Corps Depôt. | Longdon, C. F. - | Turner, R. - | 22 | 4 | 2 | 1 | 22 | 91 | 14 | — | — | 3 18 0 | 0 10 0 | 4 8 0 | „ |
| „ - | Mech. Inst., Tudor Street. | Turner, S. - - | Russell, E. T - | 13 | 11 | 3 | 1 | 10 | 14 | 5 | — | — | 1 18 0 | 0 10 6 | 2 8 6 | „ |
| Shelley - - | Mech. Inst. - - | Child, W. - - | Stacey, J. - - | 26 | 25 | 10 | 2 | 24 | 234 | 20 | — | — | 10 19 0 | 0 19 7 | 11 18 7 | Shelley. |
| Skipton- - | Mech. Inst. - - | Wilson, R. - - | Haigh, J. - - | 38 | 29 | 12 | 2 | — | — | — | — | — | 5 0 0 | 1 0 6 | 6 0 6 | Skipton. |
| Slaithwaite - | Mech. Inst. - - | Sugden, J. - - | Sykes, P. - Sykes, H. - | 28 | 14 | 2 | — | — | — | — | — | — | 1 0 0 | — | 1 0 0 | Slaithwaite. |
| Sowerby Bridge - | N. S. - - | Holmes, Rev. J. - | Fox, W. - - Houldsworth, B. - - | 31 | 23 | 7 | 2 | 29 | 325 | 27 | 1 | 1 | 14 0 0 | 4 16 1 | 18 16 1 | Sowerby Bridge. |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Swinton | N. S. | Levett, Rev. J. | Baker, J. G. | 17 | 9 | 2 | 1 | — | — | — | — | — | 1 0 0 | 0 9 1 | 1 9 1 | Swinton. |
| Sutton | N. S. | Wilson, Rev. R. W. | Rawson, W. | 5 | 33 | 9 | 3 | 40 | 161 | 36 | 4 | 3 | 23 4 0 | 6 10 6 | 29 14 6 | Sutton. |
| Thirsk | Mech. Inst. | Bell, W. | Windass, J. | 30 | 36 | 8 | 1 | 28 | 159 | 18 | 1 | — | 8 3 0 | 1 16 0 | 9 19 0 | Thirsk. |
| Thorne | Brooke's Gram. S. | Haycroft, C. | Constable, J. | 17 | 10 | 4 | — | 13 | 168 | 4 | — | — | 3 15 0 | — | 3 15 0 | Thorne. |
| Wakefield | Smyth St. Academy | Harrison, E. | Porritt, W.<br>Johnson, R. H. | 40 | 31 | 7 | — | 16 | 148 | 10 | 1 | — | 5 18 0 | 0 10 6 | 6 8 6 | Wakefield. |
| Whitby | Flower Gate N. S. | Simpson, M. | Morton, J. | 20 | 65 | 14 | — | 9 | 129 | 8 | — | — | 3 15 0 | — | 3 15 0 | Whitby. |
| Woodlesford and Oulton. | Mech. Inst. | Craven, J. | Craven, W. | 11 | 9 | 5 | — | — | — | — | — | — | 3 0 0 | — | 3 0 0 | Woodlesford and Oulton. |
| Wortley | Wkg. Men's Inst. | Ingham, Chas. | Petty, J. | 25 | 26 | 12 | 1 | 19 | 88 | 19 | 3 | — | 20 19 0 | 1 14 11 | 22 13 11 | Wortley. |
| York | Inst., St. Saviour Gate | Seller, J. C. | Windass, J.<br>Brown, H. | 36 | 15 | 5 | — | 22 | 124 | 21 | — | — | 9 9 9 | — | 9 9 9 | York. |
| | | | | 20066 | 11411 | 3960 | 712 | 11,137 | 98146 | 9,424 | 255 | 122 | 5578 11 10 | 842 12 7 | 6421 4 5 | |

## WALES.

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Aberdare | B. S. | Hopkin, T. | Hogg, W. | 50 | 39 | 25 | 11 | 16 | 198 | 11 | — | — | 15 5 0 | 5 6 6 | 20 11 6 | Aberdare. |
| Bangor | Garth Road N. S. | Davies, D. G. | Rowland, J. C. | 62 | 40 | 13 | 2 | — | — | — | — | — | 3 0 0 | 0 19 1 | 3 19 1 | Bangor. |
| Bridgend | N. S. | Thomas, Geo. | Hartshorn, T. | 35 | 26 | 3 | — | 20 | 50 | 14 | — | — | 4 19 0 | — | 4 19 0 | Bridgend. |
| Llandovery | B. S. | Bishop, R. | Thomas, D. S. | 17 | 15 | 5 | 2 | — | — | — | — | — | 4 0 0 | 0 15 9 | 4 15 9 | Llandovery. |
| Llanelly | Mech. Inst. | Innes, R. V. | Morgan, T.<br>Jones, J. E. | 73 | 31 | 3 | 1 | — | — | — | — | — | 3 10 0 | 0 10 2 | 4 0 2 | Llanelly. |
| Llantrisant | N. S. | Jones, Rev. J. P. | Leah, E. A. | 114 | 31 | 3 | — | 30 | 168 | 5 | — | — | 2 5 0 | — | 2 5 0 | Llantrisant. |
| Newtown | N. S. | Starkey, Thos. | Stanton, G. H. | 5 | 5 | 3 | — | — | — | — | — | — | 1 10 0 | — | 1 10 0 | Newtown. |
| Pembroke Dock. | N. S. | Jacob, Rev. S. H. | Sach, A. J. | 15 | 14 | 8 | 2 | — | — | — | — | — | 1 10 0 | 0 13 11 | 2 3 11 | Pembroke-Dock. |
| Pontardulais | N. S. | Trower, F. D. | Roberts, Jno. | 19 | 6 | 1 | 1 | 5 | 33 | 3 | — | — | 1 12 0 | 0 10 6 | 2 2 6 | Pontardulais |
| Tonyrefail | Cal. Meth. S. | Jones, Rev. T. D. | Monro, J. G. V. | 12 | 6 | 5 | — | — | — | — | — | — | 2 10 0 | 3 0 11 | 5 10 11 | Tonyrefail. |
| Wrexham | Savings Bank | Edwards, A. W. | Kelly, J. | 38 | 24 | 8 | 2 | 14 | 29 | 6 | — | — | 7 14 0 | 1 0 0 | 8 14 0 | Wrexham. |
| | | | | 440 | 237 | 77 | 21 | 85 | 478 | 39 | — | — | 47 15 0 | 12 16 10 | 60 11 10 | |

## SCOTLAND.

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Alloa | Museum Hall | Landells, W. | Bain, R. L. | 27 | 32 | 9 | 4 | — | — | — | — | — | 2 0 0 | 1 16 0 | 3 16 0 | Alloa. |
| Arbroath | High S. | Alexander, W. | Wilson, A. | 37 | 19 | 9 | 2 | — | — | — | — | — | 4 10 0 | 1 1 0 | 5 11 0 | Arbroath. |
| Ardrossan | No. 1, Pub. S. | Cook, Jas. | Comrie, W. | 14 | 9 | 4 | 2 | 1 | 2 | — | — | — | 3 0 0 | 1 0 2 | 4 0 2 | Ardrossan. |
| Ayr | Academy | Gemmell, Thos. | Black, F. M. | 40 | 31 | 14 | 5 | 30 | 283 | 30 | 2 | 2 | 25 12 0 | 3 1 4 | 28 13 4 | Ayr. |
| Beith | U. Presb. S. | Love, H. K. | Lemon, J | 35 | 16 | 7 | 1 | 6 | 39 | 7 | — | — | 4 16 0 | 0 15 3 | 5 11 3 | Beith |

## List of Night Classes for Drawing, &c.—*cont.*

| Town. | Where held. | Secretary. | Teacher. | No. under Instruction in Drawing. | 2nd Grade Examination. | | | 3rd Grade Examination. | | | | | Amount of Payments on the Results of the Examination. | Aid on account of Prizes, Examples, &c. | Total Aid to Class. | Town. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Number examined. | Number successful. | No. who obtained Prizes. | No. of Students who sent up Works. | No. of Works sent up. | No. of Artizans on whose works payments were claimed. | No. who obtained Prizes. 2nd Grade. | No. who obtained Prizes. 3rd Grade. | | | | |
| | | | | | | | | | | | | | £ s. d. | £ s. d. | £ s. d. | |
| Dundee - - | Long Wynd S. - | Thornton, Thos. - | Thirde, W. C. - | 69 | 19 | 2 | — | 16 | 16 | 16 | — | — | 4 3 0 | 5 2 4 | 9 5 4 | Dundee. |
| „ - - | Tay Sq. Inst. - - | Logie, J. - - | {Thirde, W. C. / Grubb, D. S.} | 102 | 40 | 16 | 1 | 28 | 102 | 26 | 4 | — | 18 3 0 | 2 9 9 | 20 12 9 | „ |
| Falkirk - - | Par. S. Bdgs. - - | Allan, A. - - | Wright, P. - | 44 | 49 | 25 | 6 | 47 | 326 | 43 | 4 | — | 41 2 0 | 4 9 6 | 45 11 6 | Falkirk. |
| Fraserburgh - | Mid. St. Acad. - | Murray, F. R. - | Smith, J. M. D. | 25 | 19 | 5 | 1 | 27 | 88 | 11 | — | — | 5 10 0 | 4 1 1 | 9 11 1 | Fraserburgh |
| Galashiels - | St. Peter's S. - - | Crannond, C. D. - | Lapworth, C. - | 30 | 13 | 6 | 2 | 18 | 235 | 18 | — | — | 8 4 0 | 0 8 9 | 8 12 9 | Galashiels. |
| Gartsherrie - | Academy - - | Jardine, W. - - | Ross, D. - - | 24 | 9 | 3 | 2 | — | — | — | — | — | — | 1 0 6 | 1 0 6 | Gartsherrie. |
| Glasgow - - | Athenæum - - | Lauder, J. - - | Campbell, J. - | 33 | 16 | 7 | 5 | 19 | 57 | 18 | 2 | 1 | 10 15 0 | 5 13 2 | 16 8 2 | Glasgow. |
| „ - - | Cathcart St. S. - | Bennie, J., jun. - | Minto, J. - - | 26 | 13 | 5 | 2 | 18 | 229 | 17 | — | — | 9 15 0 | 1 0 0 | 10 15 0 | „ |
| „ - - | London Road Pub. S. | Kennedy, Wm. - | Newlands, D. - | 19 | 10 | 1 | — | — | — | — | — | — | 0 10 0 | — | 0 10 0 | „ |
| Govan - - | Eden Villa - - | McFarlane, Jno. - | Brown, A. R. - | 37 | 24 | 17 | 8 | 23 | 105 | 22 | 1 | — | 29 5 0 | 9 13 0 | 38 18 0 | Govan. |
| Greenock - | Town Hall - - | Mackenzie, A. - | Yuill, W. - - | 82 | 21 | 11 | 5 | 45 | 135 | 37 | 3 | 2 | 19 9 0 | 4 14 9 | 24 3 9 | Greenock. |
| Hawick - - | Buccleuch St. Pub. S. | Anderson, J. - | Fowler, J. - | 22 | 16 | 3 | — | — | — | — | — | — | 1 10 0 | — | 1 10 0 | Hawick. |
| Inverness - | Raining's S. - - | MacGregor, Rev. A. | Duncan, W. S. - | 21 | 29 | 13 | 4 | — | — | — | — | — | 2 10 0 | 2 1 0 | 4 11 0 | Inverness. |
| Langholm - | Eskdale Road Pub. S. | Burnet, J. - - | Allan, J. G. - | 8 | 4 | 1 | — | — | — | — | — | — | 0 10 0 | — | 0 10 0 | Langholm. |
| Leith - - | High S. - - | Gray, T. T. - - | Miller, J. - - | 38 | 20 | 8 | 2 | 21 | 59 | 16 | — | — | 10 8 0 | 0 18 9 | 11 6 0 | Leith. |
| Lochee - - | Free S - - - | Cox, Jas. C. - - | {Grubb, A. G. / Gray, J. Y.} | 59 | 33 | 14 | 4 | 30 | 79 | 26 | 2 | — | 13 17 0 | 7 2 10 | 20 19 10 | Lochee. |
| Macduff - - | Duff St. Pub. S. - | Cameron, Jas., M.B. | Boyd, H. - - | 25 | 10 | 5 | 1 | — | — | — | — | — | 3 10 0 | 0 5 3 | 3 15 3 | Macduff. |
| Midmar - - | Par. S. - - - | Murray, Rev. T. - | Hosie, J. - - | 19 | 6 | 3 | 1 | — | — | — | — | — | 1 10 0 | 0 3 5 | 1 13 5 | Midmar. |
| Paisley - - | Stevenson St. Pub. S. | Crawford, Robt. - | Stewart, W. - | 26 | 11 | 2 | — | 18 | 144 | 17 | — | — | 5 19 0 | — | 5 19 0 | Paisley. |
| Renfrew - | Gram. S. - - | Robertson, J., M.D. | Stewart, W. - | 8 | 9 | 3 | 1 | 14 | 61 | 13 | — | — | 3 11 0 | 0 10 6 | 4 1 6 | Renfrew. |
| Stormontfield | Pub. S. - - - | Dunsmore, R. - | McIndoe, J. S. - | 9 | 7 | 1 | — | 4 | 40 | 4 | — | — | 2 0 0 | — | 2 0 0 | Stormontfield. |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Tarbolton - | No. 1 Pub. S. - | Ritchie, Rev. D. - | Stewart, A. - | 18 | 13 | 3 | — | — | — | — | — | — | 1 10 0 | — | 1 10 0 | Tarbolton. |
| Tillicoultry - | Pub. S. - - - | Gray, Wm. - - | Watson, Geo. - | 22 | 13 | 6 | 1 | — | — | — | — | — | 3 0 0 | 0 10 6 | 3 10 6 | Tillicoultry. |
| Turriff - - | Par. S. - - - | Skinner, W. - | Cassie, A. - - | 15 | 7 | 3 | 2 | — | — | — | — | — | 1 10 0 | 0 17 3 | 2 7 3 | Turriff. |
| | | | | 1042 | 518 | 215 | 62 | 374 | 2506 | 321 | 18 | 5 | 237 19 0 | 58 15 4 | 296 14 4 | |

## IRELAND.

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lisburn - - | Prospect Hill S. - | Ward, J. S. - - | Radley, J. - - | 33 | 26 | 1 | — | — | — | — | — | — | — | — | — | Lisburn. |
| „ - - | Railway St. N. S. - | Clarke, Rev. D. I. | Smeeth, R. - | 30 | 28 | 3 | — | 12 | 192 | 12 | — | — | 8 14 6 | — | 8 14 6 | „ |
| Newtownards | Model S. - - | Gordon, I. - - | Greer, W. H. - | 80 | 48 | 11 | 4 | 36 | 231 | 31 | — | — | 12 14 0 | 1 16 11 | 14 10 11 | Newtownards. |
| Sligo - - | St. John's Seminary | O'Donovan, T., jun. | Hayes, E. - - | 52 | 31 | 13 | 2 | 36 | 65 | 20 | — | — | 10 8 0 | 1 0 0 | 11 8 0 | Sligo. |
| | | | | 195 | 133 | 28 | 6 | 84 | 488 | 63 | — | — | 31 16 6 | 2 16 11 | 34 13 5 | |

## UNITED KINGDOM.

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Totals for 1875 - - | 776* classes - | *25,359 | 12,283 | 4,296 | 801 | 11,680 | 101618 | 9,850 | 273 | 127 | £ s. d. 5,896 12 4 | £ s. d. 917 1 8 | £ s. d. 6,813 14 0 |
| „ 1874 - - | 653 „ | 21,851 | 10,302 | 4,452 | 950 | 9,636 | 84,036 | 8,332 | 233 | 155 | 5,619 11 9 | 919 17 6 | 6,539 9 3 |
| „ 1873 - - | 613 „ - | 20,352 | 8,371 | 3,851 | 803 | 8,004 | 67,049 | 6,921 | 150 | 67 | 4,781 5 11 | 1,010 3 8 | 5,791 9 7† |
| „ 1872 - - | 538 „ - | 17,256 | 8,510 | 3,264 | 885 | 6,196 | 49,925 | 5,411 | 89 | 67 | 4,292 1 11 | 727 18 4 | 5,020 0 3 |
| „ 1871 - - | 465 „ - | 16,140 | 7,025 | 2,790 | 779 | 5,380 | 37,042 | ‡658 | — | 146 | 3,755 6 1 | 682 19 5 | 4,438 5 6 |
| „ 1870 - - | 352 „ - | 12,119 | 6,233 | 2,947 | 989 | 3,622 | 26,930 | 611 | — | 119 | 3,473 12 11 | 821 3 8 | 4,294 16 7 |
| „ 1869 - - | 249 „ - | 9,322 | 4,556 | 2,140 | 596 | 2,259 | 16,316 | 465 | — | 119 | 2,428 8 0 | 665 10 1 | 3,093 18 1 |
| „ 1868 - - | 130 „ - | 4,571 | 2,107 | 1,206 | 434 | 1,003 | 8,037 | 322 | — | 66 | 1,331 6 11 | 501 4 9 | 1,832 11 8 |
| „ 1867 - - | 72 „ - | 2,553 | 1,389 | 611 | 224 | 583 | 4,046 | 193 | — | 63 | 567 15 0 | 179 9 8 | 747 4 8 |
| „ 1866 - - | 32 „ - | 1,140 | 702 | 346 | 126 | 189 | 1,170 | 69 | — | 43 | 284 10 0 | 64 6 5 | 384 16 5 |

* These numbers include 214 new classes established since May 1875, in which it is reported that 3,616 students were being taught drawing.
† Exclusive of the prizes to the Teachers and payments to the Committee for expenses of examination.
‡ Only the number of *full* payments is given in this and previous years.

Appendix C.

AWARDS TO MASTERS AND MISTRESSES.

## 5. AWARDS TO MASTERS AND MISTRESSES OF ART NIGHT-CLASSES in 1875.

The following sums have been awarded by the Lords of the Committee of Council on Education to the Teachers of those Art Night-Classes in which the general amount of work, as tested by examinations, and having regard to the number of students taught in each Class, was relatively most satisfactory :—

| | | £ |
|---|---|---|
| M. Allaun | Batley, Mech. Inst. | 20 |
| Henry Borrows | Birtley, Nat. Sch. | 10 |
| A. W. Adams | Birmingham, Severn Street Brit. Sch. | 10 |
| M. Allaun | Todmorden, Vale Academy | 10 |
| Thomas Holland | Cowes (West), St. Mary's Sch. | 10 |
| W. Rowden | Newcastle-on-Tyne, Elswick Mech. Inst. | 10 |
| Peter Wright | Falkirk, Par. Sch. | 10 |
| Henry R. Babb | Plymouth, Courtenay Street | 10 |
| Edmund C. Plant | Bristol, Counterslip Brit. Sch. | 10 |
| Henry Wilkinson | Birmingham, Howard Street Sch. | 10 |
| A. C. Harding | Portsea, St. John's Sch. | 10 |
| Edward S. Ridsdale | Evesham Institute | 5 |
| William Santon | Driffield (Great) Nat. Sch. | 5 |
| John Smith | Hebburn, St. Andrew's Sch. | 5 |
| William Trego | Rotherhithe, Grammar Sch. | 5 |
| J. S. Tyrer | Mansfield, Mech. Inst. | 5 |
| Henry R. Babb | Devonport, Mech. Inst. | 5 |
| Thomas Holland | Cowes (East), Nat. Sch. | 5 |
| W. W. McCarty | Paddington, St. Michael's Sch. | 5 |
| M. Allaun | Leeds, Young Men's Christian Assoc. | 5 |
| James R. Thebridge | Portishead Nat. Sch. | 5 |
| W. C. Way | North Shields Free Library | 5 |
| E. Murphy | Rochester, King Street Board Sch. | 5 |
| Lionel C. Smith | Bradford, Great Horton Nat Sch. | 5 |
| R. Clough | Bingley, Mech. Inst. | 5 |
| John Pascoe | Peterborough, Town Hall | 5 |
| E. Harper | Tamworth Nat. Sch. | 5 |
| John Bond | Bath, Weymouth House Sch. | 5 |

| | | |
|---|---|---|
| W. J. Bush - | - Newport Savings' Bank Chambers. | 5 |
| M. Allaun - | - Manchester, Cheetham Coll. Sch. | 5 |
| Thomas Isherwood | - Blackburn Sci. and Art Sch. - | 5 |
| Z. H. Branston | - Doncaster, G. N. R. Sch. - | 5 |
| F. M. Black - | - Ayr Academy - - - | 5 |
| Henry Borrows | - Bishop Auckland Mech. Inst. - | 5 |
| Henry Stott - | - Bolton Church Institute - | 5 |
| W. Mills - | - Nottingham, Arkwright Street Wes. Sch. | 5 |
| John R. Smith | - Kensington, Allen Street, Brit. Sch. | 5 |
| H. Evers - | - Plymouth, Station Road Sci. and Art Coll. | 5 |
| J. Wonnacott - | - Devonport, Keyham St. James's Sch. | 5 |
| J. Faulkner - | - Peckham, Stafford Street Wes. Sch. | 5 |
| John Petty - | - Wortley Mech. Inst. - - | 5 |
| Alfred Corney - | - Scarborough Nat. Sch. - - | 5 |
| Francis Lane - | - Tipton, Ocker Hill Nat. Sch. - | 5 |
| Thomas Waugh | - Rochdale Equit. Pioneers - | 5 |
| John Lofthouse | - Rochdale, Baillie St. Bd. Sch. - | 5 |
| Edwin Craddock | - Pershore Nat. Sch. - - | 5 |
| R. Turner - | - Sheffield, Christian and Educ. Inst. | 5 |
| W. L. Cock - | - Blaenavon Wes. Sch. - - | 5 |
| Joseph Poole - | - Darlington Bondgate Wes. Sch. - | 5 |
| Alfred A. Bradbury | - Leek Mech. Inst. - - - | 5 |
| W. Rawson - | - Sutton Nat. Sch. - - | 5 |

Appendix C.

List of Science Classes.

6. List of Science Classes in which Art Papers in 2nd Grade Practical Geometry and Perspective were worked by Students in Science Subject I., and from which Drawings of Buildings and Machines (Stages 1 b, 23 a, and 23 b), executed by Students, as Exercises in Science Subjects II. and III., were submitted for Payments and Prizes; with the Number of Prizes and the amount of Grants awarded.—Table D.

| Name of Science Class. | Second Grade Geometry and Perspective. | | | Third Grade, Stages 1 b, 23 a, and 23 b. | | | Amount of Grant. |
|---|---|---|---|---|---|---|---|
| | No. Examined. | No. Successful. | No. who obtained Prizes. | No. of Students who submitted Works. | No. of Works sent up. | No. who obtained Prizes. | £ s. d. |
| Birmingham, Cornwall Works. | — | — | — | 36 | 232 | — | 8 14 0 |
| Birmingham, Heneage St. Sch. | — | — | — | 14 | 137 | — | 2 9 6 |
| Birmingham, Howard St. Inst. | — | — | — | 27 | 268 | — | 4 16 6 |
| Birmingham, Midland Inst. | — | — | — | 10 | 71 | — | 1 17 3 |
| Birmingham, Severn St. B. S. | — | — | — | 69 | 454 | — | 14 8 0 |
| Birmingham, Young Men's Chr. Assoc. | — | — | — | 15 | 71 | 1 | — |
| Blaydon-on-Tyne N. S. | — | — | — | 8 | 66 | 2 | 2 14 0 |
| Bolton Mech. Inst. | — | — | — | 20 | 34 | — | 1 16 0 |
| Brighouse Mech. Inst. | — | — | — | 5 | 72 | — | 1 7 0 |
| Bristol Trade Sch. | — | — | — | 72 | 164 | — | 24 0 0 |
| Burnley Ch. of Eng. Lit. Inst. | — | — | — | 10 | 51 | — | 0 12 0 |
| Cornholme B. S. | — | — | — | 4 | 13 | — | 0 6 0 |
| Devonport B. S. | — | — | — | 10 | 41 | — | — |
| „ Mech. Inst. | — | — | — | 1 | 14 | — | — |
| Dudley Mech. Inst. | — | — | — | 36 | 189 | — | 6 12 0 |
| Elland N. S. | — | — | — | 6 | 46 | — | 0 9 0 |
| Evesham Inst. | — | — | — | 3 | 19 | — | 0 12 0 |
| Farnley Iron Co.'s Sch. | — | — | — | 4 | 47 | — | 1 4 0 |
| Gainsborough, Brit. Wks. | — | — | — | 18 | 60 | 1 | 3 18 0 |
| Gartsherrie Acad. | — | — | — | 6 | 43 | — | 1 19 0 |
| Gateshead Barn Close Sch. | — | — | — | 7 | 32 | 1 | 2 11 0 |
| Golborne Mech. Inst. | — | — | — | 3 | 3 | — | 0 9 0 |
| Grantham N. S. | 3 | 1 | — | 22 | 313 | — | 6 19 9 |
| Halifax, Indl. Soc. Rooms | — | — | — | 13 | 156 | — | 2 11 0 |
| Hartshill Sch. | — | — | — | 6 | 53 | — | 0 18 0 |
| Heptonstall Mech. Inst. | — | — | — | 10 | 74 | — | 2 9 6 |
| Hindley, St. Paul's Sch. | — | — | — | 5 | 5 | — | 1 19 0 |
| Huddersfield Mech. Inst. | — | — | — | 23 | 227 | — | 4 13 0 |
| Hull Church Inst. | — | — | — | 36 | 360 | — | 10 4 0 |
| „ Roy. Inst. | — | — | — | 12 | 132 | — | 4 1 0 |
| „ „ | — | — | — | 3 | 15 | — | 0 9 0 |
| Hull, Young People's Lit. Inst. | — | — | — | 11 | 90 | 1 | 1 19 0 |
| Ilminster End. Sch. | 5 | 1 | — | — | — | — | — |
| Johnstone Wkg. Men's Inst. | — | — | — | 21 | 139 | — | 5 17 0 |
| Keighley Trade Sch. | — | — | — | 137 | 1,561 | — | 33 6 0 |
| Kilmarnock, West Netherton Sch. | — | — | — | 26 | 84 | 2 | 5 8 0 |
| King Edward Par. Sch. | — | — | — | 8 | 76 | 1 | 2 11 0 |
| Leeds, Wkg. Men's Hall | — | — | — | 4 | 14 | — | 0 12 0 |
| Leven, Greig Inst. | — | — | — | 35 | 108 | 2 | 8 14 0 |
| Llanelly Nevill Memorial | — | — | — | 20 | 68 | — | 1 7 0 |
| Littleborough Church Sch. | — | — | — | 17 | 578 | 2 | 5 14 0 |
| Manchester Bldg. Trades Inst. | — | — | — | 19 | 65 | — | 2 5 0 |

List of Science Classes receiving Grants, &c.—*cont.*



| Name of Science Class. | Second Grade Geometry and Perspective. | | | Third Grade, Stages 1 b, 23 a, and 23 b. | | | Amount of Grant. |
|---|---|---|---|---|---|---|---|
| | No. Examined. | No. Successful. | No. who obtained Prizes. | No. of Students who submitted Works. | No. of Works sent up. | No. who obtained Prizes. | £ s. d. |
| Manchester, David St. Mech. Inst. | — | — | — | 41 | 91 | — | 3 9 0 |
| Manchester, Hulme Mech. Inst. | — | — | — | 5 | 36 | 1 | 1 19 0 |
| Merthyr, Dowlais Sch. | 5 | — | — | — | — | — | — |
| *Metropolitan:—* | | | | | | | |
| Battersea, Belmont Wks. | — | — | — | 36 | 327 | — | 9 12 0 |
| „ Shaftesbury Hall | — | — | — | 45 | 485 | 2 | 7 16 0 |
| Boro' Rd. Boys' Model | — | — | — | 17 | 275 | — | 4 4 0 |
| City Rd., Radnor St. W. | — | — | — | 4 | 24 | 1 | 1 11 0 |
| Homerton Coll. | — | — | — | 2 | 14 | 1 | 0 10 8 |
| Islington, Youths' Inst. | — | — | — | 29 | 151 | — | 5 13 0 |
| Knightsbridge W. M. C. | 3 | 1 | — | — | — | — | 0 10 0 |
| Leadenhall St., City of London Coll. | — | — | — | 23 | 335 | 5 | 12 4 0 |
| Peckham, Old Kent Rd. Sch. | — | — | — | 9 | 26 | — | 1 4 0 |
| Pimlico, St. Michael | — | — | — | 6 | 17 | — | 0 9 0 |
| Southwark, Swan Street | — | — | — | 10 | 189 | 1 | 4 0 0 |
| Stepney, Jonson Street Bd. Sch. | — | — | — | 8 | 81 | — | 2 17 6 |
| Stratford, G. E. R. Inst. | — | — | — | 17 | 33 | 4 | 4 16 0 |
| „ Station Street Bd. Sch. | — | — | — | 3 | 11 | — | 0 18 0 |
| Vauxhall, L. & S. W. Inst. | — | — | — | 11 | 205 | — | 3 15 6 |
| Newcastle-on-Tyne, New Bridge St., Mech. Inst. | 24 | 8 | — | 64 | 494 | 4 | 13 10 0 |
| Nottingham Mech. Inst. | — | — | — | 23 | 233 | 2 | 8 12 6 |
| Oldham, Glodwick M. I. | — | — | — | 10 | 112 | — | 1 3 0 |
| „ Sch. of Sci. & Art | — | — | — | 153 | 796 | 1 | 21 0 0 |
| „ Werneth M. I. | 9 | — | — | 5 | 72 | 1 | 1 19 4 |
| Ormesby (N.) Ch. Inst. | — | — | — | 5 | 46 | — | 1 1 0 |
| Portsmouth Sch. of Sci. and Art. | — | — | — | 27 | 104 | 1 | 6 15 0 |
| Queensbury N. S. | 5 | 1 | — | — | — | — | — |
| Rochdale, Baillie St. Bd. Sch. | — | — | — | 32 | 413 | — | 6 3 0 |
| „ Pioneers' Rooms | — | — | — | 25 | 332 | — | 5 5 0 |
| Salford Iron Works | — | — | — | 14 | 69 | — | 4 1 0 |
| Shields (S.) Free Library | 7 | 1 | — | 13 | 134 | — | 3 15 0 |
| Smallbridge, St. John's N. S. | — | — | — | 10 | 267 | — | 1 13 0 |
| Staleybridge Mech. Inst. | — | — | — | 20 | 262 | 1 | 7 5 6 |
| Stockport Mech. Inst. | — | — | — | 8 | 58 | — | 1 10 0 |
| Sunderland, Monkwearmouth W. M. Hall. | — | — | — | 7 | 114 | — | 1 10 9 |
| Swindon, G. W. R. Sch. | — | — | — | 14 | 42 | — | 3 18 0 |
| Todmorden, Vale Acad. | — | — | — | 10 | 84 | — | 2 12 0 |
| Whitworth Lit. Inst. | — | — | — | 13 | 334 | — | 3 4 0 |
| Wigan, St. Paul's | — | — | — | 3 | 8 | — | 1 19 0 |
| Wortley (New) Zion Sunday Sch. | — | — | — | 3 | 15 | — | 0 18 0 |
| Totals for 1875, 81 Schools. | 61 | 8 | — | 1,542 | 12,514 | 38 | 345 18 3 |
| Totals for 1874, 66 Schools. | 161 | 56 | 13 | 942 | 7,024 | 44 | 258 6 7 |
| Totals for 1873, 68 Schools. | 108 | 43 | 7 | 786 | 6,327 | 10 | 199 17 10 |

Appendix C.

NUMBERS UNDER INSTRUCTION IN DRAWING.

7. PUPILS in the under-mentioned SCHOOLS, unaided by payments, were examined in DRAWING in the months of March or April 1875, and the results of their examination are given in the following Table:—

TABLE (E.)

| Place. | Name of School. | First Grade. | | | Second Grade. | | |
|---|---|---|---|---|---|---|---|
| | | No. of Candidates examined. | No. successful. | No. who obtained Prizes. | No. of Candidates examined. | No. successful. | No. who obtained Prizes. |
| Aberdeen | Hospital | 40 | 24 | 7 | 3 | 1 | — |
| Ackworth | Friends' Sch. | — | — | — | 76 | 25 | 3 |
| Andreas | Par. Sch. | 52 | 5 | 1 | 2 | — | — |
| Apperley Bridge | Woodhouse Grove Sch. | — | — | — | 24 | 7 | — |
| Ashton-under-Lyne. | Trafalgar Square B. S. | — | — | — | 4 | 1 | — |
| Auchtermuchty | Southfield House Sch. | — | — | — | 22 | 3 | — |
| Banham | Com. Sch. | — | — | — | 22 | 14 | 4 |
| Beaminster | N. S. | — | — | — | 7 | 4 | 1 |
| Bedford | Com. Sch. | — | — | — | 53 | 13 | 4 |
| Bingley | Gram. Sch. | — | — | — | 21 | 3 | 1 |
| Birmingham | Frederick Street Mid. Cl. Sch. | — | — | — | 14 | 8 | — |
| „ | Midland Inst. | — | — | — | 4 | — | — |
| „ | Handsworth Bridge Trust. | — | — | — | 35 | 10 | 1 |
| Blackburn | Christ Ch. Sch. | — | — | — | 1 | 1 | — |
| Blackpool | Claremont Coll. | — | — | — | 17 | 5 | — |
| Bodmin and Lanivet. | N. S. | — | — | — | 3 | 1 | — |
| Braddan | Par. Sch. | 54 | 23 | 4 | 8 | 2 | 1 |
| Bradford | Collegiate Sch. | — | — | — | 10 | — | — |
| „ | Hallfield Sch. | — | — | — | 9 | 1 | — |
| Bridgewater | Ladies' Coll. | — | — | — | 8 | 5 | 1 |
| Brighouse | Mech. Inst. | — | — | — | 15 | 4 | — |
| Brighton | Gram. Sch. | — | — | — | 82 | 39 | 16 |
| Bristol | Trades Sch. | 81 | 29 | 7 | — | — | — |
| Buckland (West). | County Sch. | — | — | — | 41 | 23 | 1 |
| Burnley | Carlton Road Bd. Sch. | — | — | — | 21 | 4 | 1 |
| Bury St. Edmunds. | Guildhall Com. Sch. | — | — | — | 27 | 10 | — |
| Castleknock | Mercers' Sch. | 29 | 7 | 2 | — | — | — |
| „ | Morgan's Sch. | 29 | 4 | 2 | 2 | 1 | — |
| Cavan | Royal Sch. | — | — | — | 6 | 1 | — |
| Clitheroe | Brit. Sch. | — | — | — | 17 | 4 | — |
| Cornholme | Gram. Sch. | — | — | — | 3 | 5 | 1 |
| Coventry | Bablake End. Sch. | 58 | 23 | 5 | — | 3 | 1 |
| Cranleigh | Surrey County Sch. | — | — | — | 94 | 23 | 3 |
| Crieff | Morison's Acad. | — | — | — | 30 | 11 | 3 |
| Cromer | Goldsmith's Free Sch. | 65 | 8 | 3 | 2 | 1 | — |
| Douglas | Wes. Sch. | 39 | 5 | 1 | 9 | 2 | 1 |
| Dublin | Alexandra Coll. | — | — | — | 13 | 6 | — |
| „ | „ Sch. | — | — | — | 44 | 9 | 3 |
| „ | Carmelite Seminary | — | — | — | 30 | 7 | 2 |
| „ | Erasmus Smith's Sch. | — | — | — | 7 | 3 | 1 |
| „ | King's Hospital | 36 | 10 | 2 | — | — | — |
| „ | Santry Sch. | — | — | — | 16 | 2 | 1 |
| „ | Tailors' Hall Sch. | 35 | 11 | 6 | — | — | — |
| Dunadry | Muckamore Sch. | — | — | — | 1 | 1 | — |
| Dundee | Morgan Hospital | 50 | 16 | 6 | 2 | 2 | 1 |
| Dunse | Wellfield Acad. | — | — | — | 46 | 7 | — |
| Edinburgh | Free Ch. Pract. Sch. | — | — | — | 12 | 7 | 1 |
| „ | St. James' Epis. Sch. | 80 | 26 | 8 | — | — | — |
| Edmonton | Latimer Sch. | — | — | — | 38 | 4 | 1 |
| Erdington | Orphan Sch. | 57 | 54 | 26 | — | — | — |
| Frome | Blue Coat Sch. | 55 | 25 | 9 | 3 | 3 | 1 |
| Gildersome | Turton Hall Sch. | — | — | — | 15 | 10 | 2 |
| Glasgow | Mech. Inst. | — | — | — | 9 | 3 | — |
| Gloucester | Sir T. Rich's Hospital | 25 | 19 | 11 | 9 | 2 | — |
| Gravesend | Milton Mount Coll. Sch. | — | — | — | 61 | 19 | 3 |

Examination in Drawing—*cont.*

Appendix C.

NUMBERS UNDER INSTRUCTION IN DRAWING.

| Place. | Name of School. | First Grade. | | | Second Grade. | | |
|---|---|---|---|---|---|---|---|
| | | No. of Candidates examined. | No. successful. | No. who obtained Prizes. | No. of Candidates examined. | No. successful. | No. who obtained Prizes. |
| Greenwich | Hospital Sch. | 75 | 34 | 14 | 40 | 8 | — |
| Hendon | Lit. Inst. | — | — | — | 12 | 1 | 1 |
| Horncastle | Guild Room | — | — | — | 6 | 5 | 1 |
| Hyde | Mech. Inst. | — | — | — | 2 | 1 | — |
| Ilkley | High Sch. | — | — | — | 22 | 2 | — |
| „ | Eastburn Sch. | — | — | — | 1 | — | — |
| Isleworth | Holme Court | — | — | — | 17 | 2 | — |
| Kendal | Com. Sch. | — | 1 | — | — | — | — |
| „ | Gram. Sch. | — | 1 | 1 | — | — | — |
| Leigh | St. Paul's Sch. | — | — | — | — | — | — |
| Lisburn | Market Square N. S. | — | — | — | 11 | 3 | 1 |
| Loughborough | Girls' Sch. | — | — | — | 22 | 2 | — |
| Manchester | Com. Sch. | — | — | — | 42 | 11 | 1 |
| „ | St. Matthew's Mid. Sch. | 97 | 35 | 15 | 6 | 4 | 2 |
| „ | Peter Street Sch. | — | — | — | — | — | — |
| Maryport | N. S. | — | — | — | 8 | 1 | — |
| *Metropolitan:* | | | | | | | |
| Borough Road | Newcomen's Sch. | 86 | 26 | 7 | 14 | 3 | 1 |
| Brixton | South London Coll. | — | — | — | 15 | 9 | 1 |
| Camberwell | St. John's Sch. | — | — | — | 1 | — | — |
| De Beauvoir Town. | Mid. Cl. Sch. | — | — | — | 64 | 26 | 2 |
| Fitzroy Square | Deaf and Dumb Sch. | 16 | 3 | 3 | — | — | — |
| Islington | Sci. and Art Sch. | 20 | 15 | — | — | — | — |
| Kingsland | Birkbeck Sch. | — | — | — | 47 | 13 | — |
| *Newgate St. | Christ's Hospital | 217 | 60 | — | 224 | 63 | 22 |
| Stockwell | Pract. Sch. | 50 | 21 | 5 | 6 | 1 | — |
| Northampton | Trade Sch. | — | — | — | 32 | 8 | — |
| Pinner | Com. Sch. | — | — | — | 40 | 14 | 2 |
| Ramsey | N. S. | 72 | 11 | 2 | 2 | — | — |
| „ | Wes. Sch. | 22 | 5 | 2 | 1 | — | — |
| Reading | Blue Coat Sch. | 42 | 36 | 23 | — | — | — |
| Redcar | Ladies' Sch. | — | — | — | 7 | 1 | — |
| Roscrea | Young Men's Chr. Assoc. | — | — | — | 1 | — | — |
| St. Just | Wes. Sch. | — | — | — | 8 | 3 | — |
| St. Mary Cray | N. S. | — | — | — | 10 | 1 | — |
| Sale | Brooklands Sch. | — | — | — | 18 | 10 | |
| Sheffield | Bridgehouse's Sch. Rm. | — | — | — | 7 | 1 | — |
| Sleaford | Temperance Hall | — | — | — | 10 | 8 | 3 |
| Stalybridge | Mech. Inst. | — | — | — | 1 | 1 | 1 |
| Stevenage | Gram. Sch. | — | — | — | 20 | 8 | |
| Stockport | Cheadle Hulme Orphan Sch. | — | — | — | 3 | 2 | 2 |
| „ | Sunday Sch. | — | — | — | 1 | 1 | — |
| Stratton | Marhamchurch N. S. | — | — | — | 6 | 2 | — |
| Tiverton | Wilderness House | — | — | — | 24 | 15 | 4 |
| Upton-on-Severn. | Hanley Gram. Sch. | — | — | — | 9 | 3 | 2 |
| Warrington | Clergy Daughters' Sch. | — | — | — | 32 | 14 | 2 |
| Wells | Mid. Sch. | — | — | — | 33 | 16 | 1 |
| Weymouth | Coll. | — | — | — | 28 | 17 | 3 |
| „ | Mid. Sch. | — | — | — | 9 | 3 | 1 |
| Worcester | Mid. Cl. Sch. | — | — | — | 35 | 1 | — |
| Yarmouth | Hospital Sch. | 96 | 19 | 5 | 2 | — | — |
| York | Bootham Friends' Boys' Sch. | — | — | — | 37 | 11 | 2 |
| „ | The Mount Friends' Girls' Sch. | — | — | — | 49 | 27 | 3 |
| Totals for 1875, 106 Schools | | 1,578 | 554 | 177 | 1,986 | 638 | 118 |
| „ „ 1874, 102 „ | | 1,222 | 459 | 103 | 1,709 | 752 | 150 |
| „ „ 1873, 97 „ | | 802 | 426 | 116 | 1,731 | 763 | 155 |

* Examined in July.

Appendix C. SCHOOLS OF ART.

## 8. ABSTRACTS of RETURNS from SCHOOLS OF ART for the Year ending 31st July 1875.

### ABERDEEN.—(Population in 1871—88,125.)

Established in 1853. Situate at Market Street.

The committee of management consists of 18 members. The officers are:—Baillie Robert Urquhart, Chairman; James Sinclair, Secretary; and Joseph Kennedy, Head-Master (3 certificates).

The number of students under instruction during the year has been 326, showing an increase of 10 since last year.

The fees received from these students amounted to 199*l.* 16*s.* 6*d.*, showing an increase of 22*l.* 7*s.* 9*d.* on the sum received in the previous year.

Attendance:—Day classes—44 students, who paid 3*s.* 6*d.*, 7*s.*, and 10*s.* 6*d.* per month. Evening classes—282 students, who paid 2*s.* 6*d.* per month.

The income of the school during the year was 374*l.* 7*s.* 6*d.*

The school received 1 silver medal, 1 Queen's prize of books in the national competition, 16 third grade prizes of books, &c. for works sent up for inspection, and 14 second grade prizes at the annual local examination.

One student obtained a national art scholarship, 1 obtained a certificate of the third grade, and 2 obtained local free studentships, 205 students sent 1,605 works to the annual examination at South Kensington.

The local examination was attended by 190 students of the school, of whom 58 were successful.

The school has expended from its own funds 5*l.* 10*s.* 4*d.* on account of examples, including repairs, &c. for Art instruction.

The total amount of aid afforded to the school by the Department during 1875 has been 229*l.* 8*s.* 5*d.*, including a prize of 20*l.* to the head master.

A native of this city, resident in the United States, gives annually 7*l.* 10*s.* and three silver medals in prizes to house painters' apprentices, being students of the school.

### ANDOVER.—(Population in 1871—5,501.)

Established in 1854. Situate at Bridge Street.

The committee of management consists of 11 members. The officers are:—Rev. H. B. Bousfield, Chairman; George Hayes, Secretary; Joseph Harris, Head-Master (1 certificate); and S. C. Seaward, Assistant-Master (1 certificate).

The number of students under instruction during the year has been 40, showing an increase of 8 since last year.

The fees received from these students amounted to 39*l.* 2*s.*, showing a decrease of 7*l.* 5*s.* from the sum received in the previous year.

Attendance:—Day classes—7 students, who paid 2*l.* per session and 2*s.* entrance fee. Evening classes—33 students, who paid 1*s.*, 2*s.*, and 3*s.* per month, and 1*s.* and 2*s.* entrance fee.

The income of the school during the year was 104*l.* 2*s.*

The school received one third grade prize of books, &c. for works sent up for inspection, and 9 second grade prizes at the annual local examination.

Forty-two students sent 418 works to the annual examination at South Kensington.

The local examination was attended by 23 students of the school, of whom 17 were successful.

An exhibition of the students' works took place in January, and was attended by many visitors.

The total amount of aid afforded to the school by the Department during 1875 has been 63*l.* 13*s.* 4*d.*, including a prize of 10*l.* to the head-master.

Local prizes to the amount of 4*l.* 5*s.* have been offered.

BARNSLEY.—(Population in 1871—23,021.)

Established in 1874. Situate at York Street.

The committee of management consists of 9 members. The officers are:—M. Thos. Sadler, M.D., Chairman; O. De Mirimonde, Secretary; and W. Jones, Head-Master (3 certificates).

The number of students under instruction during the year has been 112.

The fees received from these students amounted to 82*l.* 9*s.* 6*d.*

Attendance:—Day classes—36 students, who paid 10*s.* 6*d.* per quarter and 2*s.* 6*d.* entrance fee. Evening classes—76 students, who paid 4*s.* and 5*s.* per quarter, and 1*s.* entrance fee.

The income of the school during the year was 182*l.* 9*s.* 6*d.*

The school received 4 third grade prizes of books, &c. for works sent up for inspection, and 6 second grade prizes at the annual local examination.

Eighty-four students sent 532 works to the annual examination at South Kensington.

The local examination was attended by 45 students of the school, of whom 23 were successful.

An exhibition of the students' works took place in the school, and was attended by 460 visitors.

The school has expended from its own funds 100*l.* on account of examples, &c. for Art instruction.

The total amount of aid afforded to the school by the Department during 1875 has been 50*l.* 13*s.* 5*d.*

Local prizes of the value of 22*l.* were given.

BARROW-IN-FURNESS.—(Population in 1871—17,992.)

Established in 1874. Situate at Abbey Road.

The committee of management consists of 16 members. The officers are:—Sir James Ramsden, Chairman; Thomas G. Bissett, Secretary; and Samuel John Ireland, Head-Master (2 certificates).

The number of students under instruction during the year has been 115.

The fees received from these students amounted to 79*l.* 17*s.* 8*d.*

Attendance:—Day classes—9 students, who paid 1*l.* 1*s.* and 2*l.* 2*s.* per session of five months, and 1*s.* entrance fee. Evening classes—106 students, who paid 2*s.* 6*d.*, 3*s.* 6*d.*, 10*s.* 6*d.*, and 16*s.* per session, and 1*s.* entrance fee.

The income of the school during the year was 181*l.* 2*s.* 8*d.*

Appendix C. Schools of Art.

The school received 4 third grade prizes of books, &c. for works sent up for inspection, and 10 second grade prizes at the annual local examination.

One student obtained a local free studentship. 83 students sent 416 works to the annual examination at South Kensington.

The local examination was attended by 39 students of the school, of whom 26 were successful.

An exhibition of the students' works took place in the school on 7th April 1875, and was attended by about 480 visitors.

The school has expended from its own funds 254*l.* 2*s.* 7*d.* on account of examples, &c. for Art instruction.

The total amount of aid afforded to the school by the Department during 1875 has been 98*l.* 5*s.* 7*d.*, including a prize of 10*l.* to the head-master.

### Bath.—(Population in 1871—52,528.)

Established in 1854. Situate at 33, Paragon.

The committee of management consists of 18 members. The officers are :—Major Ralph S. Allen, M.P., Chairman; Charles E. Davis, F.S.A., Secretary; and William Harbutt, Head-Master (4 certificates).

The number of students under instruction during the year has been 216, showing an increase of 14 since last year.

The fees received from these students amounted to 270*l.* 14*s.* 7*d.*, showing an increase of 7*l.* 3*s.* 10*d.* on the sum received in the previous year.

Attendance :—Day classes—104 students, who paid 16*s.* to 1*l.* 5*s.* per quarter. Evening classes—112 students, who paid 2*s.* per month, or 16*s.* a year, and 2*s.* entrance fee.

The income of the school during the year was 358*l.* 9*s.* 2*d.*

The school received 11 third grade prizes of books, &c. for works sent up for inspection, and 19 second grade prizes at the annual local examination.

One student obtained a local free studentship. 95 students sent 657 works to the annual examination at South Kensington.

The local examination was attended by 76 students of the school, of whom 47 were successful.

The school has expended from its own funds 4*l.* 1*s.* 6*d.* on account of examples, &c. for Art instruction.

The total amount of aid afforded to the school by the Department during 1875 has been 126*l.* 16*s.* 7*d.*, including a prize of 10*l.* to the head-master.

### Belfast.—(Population in 1871—174,394.)

Established in 1871. Situate at College Square North.

The committee of management consists of 30 members. The officers are :—Sir Charles Lanyon, J.P., Chairman; Wm. Shepherd, Secretary; Thomas M. Lindsay, Head-Master (2 certificates), and John Teesdale, Assistant-Master (1 certificate).

The number of students under instruction during the year has been 415, showing an increase of 38 since last year. This total includes 330 students who attended the School of Art, and 85 pupils of private schools.

The fees received from these students amounted to 435*l.* 1*s.* 7*d.*, showing a decrease of 14*l.* 3*s.* 11*d.* on the sum received in the previous year.

Attendance at the School of Art:—Day classes—170 students, who paid 25*s.* and 12*s.* 6*d.* per quarter. Evening classes—160 students, who paid 6*s.* 6*d.* and 10*s.* 6*d.* per quarter.

The income of the school during the year was 778*l.* 19*s.* 7*d.*

The school received 2 silver medals, and 2 Queen's prizes of books in the national competition; 25 third grade prizes of books, &c. for works sent up for inspection; and 11 second grade prizes at the annual local examination.

Two students obtained local free studentships. 166 students sent 978 works to the annual examination at South Kensington.

The local examination was attended by 94 students of the school, of whom 48 students were successful.

The total amount of aid afforded to the school by the Department during 1875 has been 194*l.* 2*s.* 9*d.*, including a prize of 10*l.* to the head-master.

There is a prize scheme supported by local contributions.

BERWICK-UPON-TWEED.—(Population in 1871, 13,282.)

Established in 1873. Situate at Sandgate.

The committee of management consists of 17 members. The officers are:—Rev. J. G. Rowe, Chairman; James Gray, Secretary; and James Wallace, Head-Master (1 certificate).

The number of students under instruction during the year has been 83, showing a decrease of 7 since last year.

The fees received from these students amounted to 50*l.* 19*s.*, showing a decrease of 1*l.* 1*s.* on the sum received in the previous year.

Attendance:—Day classes—26 students, who paid 5*s.* per month. Evening classes—57 students, who paid 2*s.* per month.

The income of the school during the year was 158*l.* 16*s.*

The school received 5 third grade prizes of books, &c. for works sent up for inspection, and 10 second grade prizes at the annual local examination.

One student obtained a local free studentship. 65 students sent 1,038 works to the annual examination at South Kensington.

The local examination was attended by 42 students of the school, of whom 25 were successful.

An exhibition of the students' works took place in the school, and was attended by many visitors.

The school has expended from its own funds 2*l.* 15*s.* 4*d.* on account of examples, &c. for Art instruction.

The total amount of aid afforded to the school by the Department during 1875 has been 134*l.* 10*s.* 7*d.*, including a prize of 20*l.* to the head-master.

BIRKENHEAD.—(Population in 1871—65,980.)

Established in 1855. Situate at Park Entrance.

The committee of management consists of 15 members. The officers are:—John Williamson, Chairman; Henry H. Laird, Secretary; and John Bentley, Head-Master (4 certificates).

The number of students under instruction during the year has been 250, showing an increase of 35 since last year.

The fees received from these students amounted to 383*l.* 6*s.* 9*d.*, showing an increase of 70*l.* 12*s.* 9*d.* on the sum received in the previous year.

Appendix C. Schools of Art.

Attendance:—Day classes—48 students, who paid 1*l.* 1*s.* and 2*l.* 2*s.* per quarter. Evening classes—202 students, who paid 6*s.*, 10*s.* 6*d.*, life class 1*l.* 1*s.* per quarter, and 2*s.* 6*d.* entrance fee.

The income of the school during the year was 753*l.* 1*s.* 3*d.*

The school received 1 bronze medal, 10 third grade prizes of books, &c. for works sent up for inspection, and 19 second grade prizes at the annual local examination.

One student obtained certificate of the 3rd grade, and 5 obtained local free studentships. 185 students sent 1,538 works to the annual examination at South Kensington.

The local examination was attended by 130 students of the school of whom 76 were successful.

An exhibition of the students' works took place on October 7th, and was attended by numerous visitors.

The school has expended from its own funds 25*l.* 4*s.* 3*d.* on account of examples, &c. for Art instruction.

The total amount of aid afforded to the school by the Department during 1875 has been 235*l.* 16*s.* 8*d.*, including a prize of 20*l.* to the head-master.

Prize studentships and money prizes to the value of 40*l.* 5*s.* have been awarded by the committee.

### Birmingham.—(Population in 1871—343,693.)

Established in 1842. Situate at Paradise Street.

The committee of management consists of 21 members. The officers are:—John Henry Chamberlain, Chairman; Edwin Smith, Secretary; David W. Raimbach, Head-Master (1 certificate); J. P. Fraser (5 certificates), Edward Blizard (3 certificates), F. G. Jackson (3 certificates), Chas. Morgan (1 certificate), Thos. Cox (1 certificate), and W. G. Causer (1 certificate), Assistant Masters.

The number of students under instruction during the year has been 1,329, showing an increase of 48 since last year.

The fees received from these students amounted to 1,025*l.* 18*s.* 10*d.*, showing a decrease of 38*l.* 4*s.* 2*d.* from the sum received in the previous year.

Attendance:—Day classes—582 students, who paid 2*l.*, 1*l.*, and 10*s.* per session. Evening classes—747 students, who paid 15*s.*, 10*s.*, and 5*s.* per session.

The income of the school during the year was 1,700*l.* 14*s.* 10*d.*

The school received 1 gold medal, 3 silver medals, 6 bronze medals and 4 Queen's prizes of books in the national competition; 64 third grade prizes of books, &c. for works sent up for inspection, and 27 second grade prizes at the annual local examination.

One student obtained a national art scholarship, 3 obtained certificates of the third grade, and 19 obtained local free studentships. 544 students sent 3,037 works to the annual examination at South Kensington.

The local examination was attended by 418 students of the school, of whom 151 were successful.

An exhibition of the students' works took place in February and was attended by 4,074 visitors.

The school has expended from its own funds 19*l.* 18*s.* 10*d.* on account of examples, &c. for Art instruction.

The total amount of aid afforded to the school by the Department during 1875 has been 636*l.* 6*s.* 6*d.*, including a prize of 30*l.* to the head-master.

BOSTON.—(Population in 1871—15,576.)

Established in 1860. Situate at Market Place.

The committee of management consists of 19 members. The officers are:—Rev. G. B. Blenkin, Chairman; W. H. Wheeler, Secretary; and Vernon Howard, Head-Master (3 certificates).

The number of students under instruction during the year has been 105, showing a decrease of 6 since last year.

The fees received from these students amounted to 132*l.* 16*s.*, showing a decrease of 3*l.* 17*s.* from the sum received in the previous year.

Attendance:—Day classes—47 students, who paid 1*l.* 14*s.* per session, 8*s.* per month, and 5*s.* and 2*s.* 6*d.* entrance fee. Evening classes—58 students, who paid 15*s.* and 7*s.* 6*d.* per session, 4*s.* and 2*s.* per month, and 2*s.* and 1*s.* entrance fee.

The income of the school during the year was 186*l.* 19*s.*

The school received 7 third grade prizes of books, &c. for works sent up for inspection, and 6 second grade prizes at the annual local examination.

Forty-four students sent 218 works to the annual examination at South Kensington.

The local examination was attended by 37 students of the school, of whom 21 were successful.

An exhibition of the students' works took place in December 1874, and was attended by several thousand visitors.

The total amount of aid afforded to the school by the Department during 1875 has been 59*l.* 8*s.* 8*d.*

BRADFORD.—(Population in 1871—145,827.)

Mechanic Institute's School.

Established in 1871. Situate at Bridge Street.

The committee of management consists of 14 members. The officers are:—James Law, J.P., Chairman; J. Holbrey, Secretary; and John Sowden, Head-Master (1 certificate).

The number of students under instruction during the year has been 264, showing an increase of 103 since last year.

The fees received from these students amounted to 218*l.* 11*s.* 8*d.*, showing an increase of 64*l.* 19*s.* 10*d.* on the sum received in the previous year.

Attendance:—Day classes—47 students, who paid 7*s.* per month, and 66 students who paid 2*s.* per session. Evening classes—151 students, who paid from 10*d.* to 1*s.* 10*d.* per month.

The income of the school during the year was 367*l.* 14*s.* 8*d.*

The school received 1 Queen's prize of books in the national competition, 17 third grade prizes of books, &c. for works sent up for inspection, and 9 second grade prizes at the annual local examination.

Two hundred and two students sent 1,252 works to the annual examination at South Kensington.

The local examination was attended by 125 students of the school, of whom 38 were successful.

The total amount of aid afforded to the school by the Department during 1875 has been 190*l.* 17*s.* 8*d.*, including a prize of 20*l.* to the head-master.

Local prizes to the amount of about 14*l.* were given from the Institute's funds.

BRADFORD.—(Population in 1871—145,827.)

Grammar School.

Established in 1874. Situate at Manor Row.

The committee of management consists of 8 members. The officers are :—Henry Mitchell, Chairman; Andrea Rabagliati, M.D., Secretary; and Thomas Robert Ablett, Head-Master (1 certificate).

The number of students under instruction during the year has been 213.

The fees received from these students amounted to 193*l.* 16*s.* 2*d.*

Attendance :—Day classes—213 students, who paid 21*s.* and 42*s.* per session. Evening classes—24 students, who paid 3*s.* 4*d.*; 21*s.* per session.

The income of the school during the year was 249*l.* 13*s.* 10*d.*

The school received 3 third grade prizes of books, &c. for works sent up for inspection, and 12 second grade prizes at the annual local examination.

Eighty students sent 538 works to the annual examination at South Kensington.

The local examination was attended by 135 students of the school of whom 44 were successful.

The school has expended from its own funds 23*l.* 11*s.* 11*d.* on account of examples, &c., for Art instruction.

The total amount of aid afforded to the school by the Department during 1875 has been 60*l.* 17*s.* 4*d.*

BRADFORD—(Population in 1871—145,827.)

Church Institute School.

Established in 1874. Situate at North Parade.

The committee of management consists of 6 members. The officers are :—Rev. J. G. Rice, Chairman; Robert Barr, Secretary; and Daniel Smith, Head-Master (1 certificate).

The number of students under instruction during the year has been 162.

The fees received from these students amounted to 55*l.* 16*s.* 6*d.*

Attendance :—Day classes—67 students, who paid 7*s.* 4*d.* per month. Evening classes—108 students, who paid 8*d.* per month.

The income of the school during the year was 140*l.* 5*s.* 6*d.*

The school received one silver medal, one Queen's prize of books in the national competition; 11 third grade prizes of books, &c., for works sent up for inspection; and four second grade prizes at the annual local examination.

116 students sent 822 works to the annual examination at South Kensington.

The local examination was attended by 81 students of the school, of whom 26 were successful.

An exhibition of the students' works took place in September, and was attended by 2,000 visitors.

The school has expended from its own funds 64*l.* 17*s.* 1*d.*, on account of examples, &c. for Art instruction.

The total amount of aid afforded to the school by the Department during 1875 has been 123*l.* 16*s.*, including a prize of 20*l.* to the head-master.

Local prizes are awarded to the students.

Bridport.—(Population in 1871—7,666.)

Established in 1865. Situate at Literary and Scientific Institute, East Street.

The committee of management consists of 25 members. The officers are :—J. M. P. Montagu, J.P., Chairman ; Rev. R. L. Carpenter, and C. G. Nantes, Secretaries ; and Thomas Baker, Head-Master (3 certificates).

The number of students under instruction during the year has been 113, showing increase of 2 since last year.

The fees received from these students amounted to 101*l.* 18*s.* 9*d.* showing an increase of 7*l.* 2*s.* 9*d.* on the sum received in the previous year.

Attendance :—Day classes—64 students, who paid 2*l.* 2*s.*, 1*l.* 6*s.* 3*d.*, and 12*s.* 6*d.* per session. Evening classes—66 students, who paid 10*s.* 6*d.*, 6*s.*, and 5*s.* per session.

The income of the school during the year was 200*l.* 4*s.* 2*d.*

The school received 1 silver medal, 1 bronze medal, and 16 third grade prizes of books, &c. for works sent up for inspection, and 11 second grade prizes at the annual local examination.

One student obtained a certificate of the third grade, and 104 students sent 563 works to the annual examination at South Kensington.

The local examination was attended by 66 students of the school, of whom 38 were successful.

An exhibition of the students' works took place in August, and was attended by 450 visitors.

The school has expended from its own funds 11*s.* 3*d.* on account of examples, &c. for Art instruction.

The total amount of aid afforded to the school by the Department during 1875 has been 126*l.* 15*s.*, including a prize of 20*l.* to the head-master.

Brighton.—(Population in 1871—103,706.)

Established in 1859. Situate at Palace Place.

The committee of management consists of 16 members. The officers are :—Frederic Merrifield, J.P., Chairman ; Benjamin Lomax, Secretary ; Alexander Fisher, Head-Master (5 certificates).

The number of students under instruction during the year has been 204, being the same as in last year.

The fees received from these students amounted to 395*l.* 7*s.*, showing an increase of 57*l.* 2*s.* on the sum received in the previous year.

Attendance :—Day classes—79 students, who paid 2*l.* 2*s.* and 1*l.* 8*s.* per session. Evening classes—130 students, who paid 10*s.*, 6*s.* 6*d.*, and 6*s.* per session.

The income of the school during the year was 558*l.* 8*s.*

The school received 2 Queen's prizes of books in the national competition ; 25 third grade prizes of books, &c. for works sent up for inspection, and 26 second grade prizes at the annual local examination.

Two students obtained local free studentships. 221 students sent 1,419 works to the annual examination at South Kensington.

The local examination was attended by 84 students of the school, of whom 59 were successful.

An exhibition of the students' work took place in October 1875, and was attended by 700 visitors.

The school has expended from its own funds 7*l.* 17*s.* 7*d.* on account of examples, &c. for Art instruction.

Appendix C. Schools of Art.

The total amount of aid afforded to the school by the Department during 1875 has been 214*l.* 17*s.* 6*d.*, including a prize of 20*l.* to the head-master.

### Bristol.—(Population in 1871—182,524.)

Established in 1853. Situate at Queen's Road.

The committee of management consists of 15 members. The officers are:—Philip W. S. Miles, Chairman; Rev. J. Heyworth, W. H. Wills, Joint Secretaries; John N. Smith, Head-Master (4 certificates); and Alfred Nichols, Assistant-Master (5 certificates).

The number of students under instruction during the year has been 625, showing a decrease of 33 since last year. This total includes 290 students who attended the School of Art, and 335 pupils of public and private schools.

The fees received from these students amounted to 454*l.* 15*s.* 6*d.*, showing a decrease of 8*l.* 18*s.* 11*d.* from the sum received in the previous year.

Attendance at the School of Art:—Day classes—167 students, who paid 10*s.* 6*d.*, and 1*l.* per month, and 5*s.* entrance fee. Evening classes—123 students, who paid 6*s.*, and 9*s.* per 10 weeks, and 2*s.* entrance fee.

The income of the school during the year was 650*l.* 1*s.* 9*d.*

The school received 18 third grade prizes of books, &c. for works sent up for inspection; and 20 second grade prizes at the annual local examination.

One student obtained a national art scholarship, and 100 students sent 537 works to the annual examination at South Kensington.

The local examination was attended by 113 students of the school, of whom 65 were successful.

An exhibition of the students' works took place in November, and was attended by 1,000 visitors.

The school has expended from its own funds about 10*l.* on account of examples, &c. for Art instruction.

The total amount of aid afforded to the school by the Department during 1875 has been 143*l.* 18*s.* 6*d.*

Members of the local committee and others annually offer prizes for special work.

### Bromsgrove.—(Population in 1871—11,795.)

Established in 1860. Situate at High Street.

The committee of management consists of 14 members. The officers are:—Elijah Walton, F.G.S., F.R.H.S., Chairman; George William Gibson, Secretary; and Henry D. Dickinson, Head-Master (1 certificate).

The number of students under instruction during the year has been 103, showing a decrease of 16 since last year. This total includes 81 students who attended the School of Art, and 22 pupils of private schools.

The fees received from these students amounted to 74*l.* 14*s.* 6*d.*, showing a decrease of 40*l.* 11*s.* 6*d.* from the sum received in the previous year.

Attendance at the School of Art:—Day classes—47 students, who paid 5*s.*, 7*s.* 6*d.*, and 10*s.* per quarter. Evening classes—34 students, who paid 2*s.* 6*d.*, 3*s.*, and 4*s.* per quarter.

The income of the school during the year was 132*l.* 5*s.* 6*d.*

The school received 1 third grade prize of books, &c. for works sent up for inspection, and 5 second grade prizes at the annual local examination.

Thirty-one students sent 572 works to the annual examination at South Kensington.

The local examination was attended by 37 students of the school, of whom 16 were successful.

The total amount of aid afforded to the school by the Department during 1875 has been 43*l.* 8*s.* 1*d.*

Local prizes were offered.

### Burslem.—(Population in 1871—45,000.)

Established in 1869. Situate at the Wedgwood Institute, Queen Street.

The committee of management consists of 21 members. The officers are:—H. T. Davenport, Chairman; T. Furnival, Secretary; and George Theaker, Head-Master (2 certificates).

The number of students under instruction during the year has been 142, showing a decrease of 2 since last year. The fees received from these students amounted to 75*l.* 8*s.*, showing a decrease of 14*l.* 2*s.* from the sum received in the previous year.

Attendance:—Day classes—6 students, who paid 6*s.* 6*d.* per month, and 16*s.* per half session. Evening classes—159 students, who paid 2*s.* and 1*s.* per session, and non-artizans 10*s.* entrance fee.

The income of the school during the year was 266*l.* 11*s.* 9*d.*

The school received 2 silver medals, 1 bronze medal, and 22 third grade prizes of books, &c. for works sent up for inspection; and 7 second grade prizes at the annual local examination.

Seven student obtained local free studentships. 91 students sent 576 works to the annual examination at South Kensington.

The local examination was attended by 50 students of the school, of whom 19 were successful; 5 other candidates also presented themselves, of whom 1 was successful.

An exhibition of the students' works took place in April, and was attended by 1,400 visitors.

The school has expended from its own funds 3*l.* 9*s.* 3*d.* on account of examples, &c. for Art instruction.

The total amount of aid afforded to the school by the Department during 1875 has been 170*l.* 0*s.* 5*d.*, including a prize of 20*l.* to the head-master.

### Cambridge.—(Population in 1871—30,074.)

Established in 1858. Situate at Market Hill.

The committee of management consists of 11 members. The officers are:—Rev. Professor J. B. Lightfoot, D.D., Chairman; W. M. Fawcett, M.A., Secretary; and Daniel Wood, Head-Master (4 certificates).

The number of students under instruction during the year has been 132, showing an increase of 22 since last year.

The fees received from these students amounted to 151*l.* 15*s.* 0*d.*, showing an increase of 2*l.* 15*s.* 6*d.* on the sum received in the previous year.

Attendance:—Day classes—91 students, who paid 8*s.*, 7*s.*, 5*s.* 6*d.*, 4*s.* 8*d.*, 3*s.*, 2*s.* 6*d.*, and 1*s.* per month, and 5*s.* and 2*s.* 6*d.* entrance fee.

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Evening classes—41 students, who paid 7*s.*, 5*s.* 6*d.*, 4*s.* 8*d.*, 3*s.*, 2*s.* 6*d.*, and 1*s.*, per month, and 5*s.* and 2*s.* 6*d.* entrance fee.

The income of the school during the year was 248*l.* 11*s.* 6*d.*

The school received 1 Queen's prize of books in the national competition; 9 third grade prizes of books, &c. for works sent up for inspection; and 4 second grade prizes at the annual local examination.

Seventy-three students sent 423 works to the annual examination at South Kensington.

The local examination was attended by 11 students of the school, of whom 10 were successful.

An exhibition of the students' works took place in February, and was attended by 787 visitors.

The total amount of aid afforded to the school by the Department during 1875 has been 65*l.* 10*s.* 6*d.*

CARDIFF.—(Population in 1871—70,000.)

Established in 1868. Situate at the Royal Arcade and Free Library, St. Mary Street.

The committee of management consists of 40 members. The officers are:—W. Taylor, M.D., T. H. Riches, and H. Harris, Honorary Secretaries; and James Bush, Head-Master (1 certificate).

The number of students under instruction during the year has been 148, showing a decrease of 9 since last year.

The fees received from these students amounted to 97*l.* 10*s.*, showing a decrease of 67*l.* from the sum received in the previous year.

Attendance:—Day classes, 13 students, who paid 15*l.* 5*s.* per session. Evening classes—135 students, who paid 82*l.* 5*s.* per session.

The income of the school during the year was 236*l.* 16*s.*

The school received 1 bronze medal, 8 third grade prizes of books, &c. for works sent up for inspection, and 3 second grade prizes at the annual local examination.

Seventy-seven students sent 560 works to the annual examination at South Kensington.

The local examination was attended by 63 students of the school, of whom 24 were successful.

An exhibition of the students' works took place in November, and was attended by numerous visitors.

The school has expended from its own funds 60*l.* on account of examples, &c. for Art instruction.

The total amount of aid afforded to the school by the Departmen during 1875 has been 78*l.* 4*s.* 10*d.*

One silver and 1 bronze medal are given by the Corporation.

CARLISLE.—(Population in 1871—31,074.)

Established in 1854. Situate at Mechanics' Hall, Fisher Street.

The committee of management consists of 20 members. The officers are:—J. Hargraves, Mayor of Carlisle, Chairman; T. H. Hannah, Secretary; and Herbert Lees, Head-Master (3 certificates).

The number of students under instruction during the year has been 148, showing an increase of 6 since last year.

The fees received from these students amounted to 138*l.* 1*s.*, showing an increase of 22*l.* 17*s.* 9*d.* on the sum received in the previous year.

Attendance:—Day classes—32 students, who paid 7*s.* 6*d.* per month, or 1*l.* 1*s.* per quarter. Evening classes—116 students, who paid 1*s.*, 2*s.*, and 3*s.* per month.

The income of the school during the year was 245*l.* 16*s.* 7*d.*

The school received 1 bronze medal; 11 third grade prizes of books, &c. for works sent up for inspection; and 5 second grade prizes at the annual local examination.

Eighty-five students sent 474 works to the annual examination at South Kensington.

The local examination was attended by 35 students of the school, of whom 20 were successful.

An exhibition of the students' works took place in December, and was attended by 1,200 visitors.

The school has expended from its own funds 6*l.* 10*s.* 10*d.* on account of examples, &c. for Art instruction.

The total amount of aid afforded to the school by the Department during 1875 has been 102*l.* 4*s.* 1*d.*

### Carnarvon.—(Population in 1871—9,370.)

Established in 1853. Situate at Brunswick Buildings.

The committee of management consists of 10 members. The officers are:—The Rev. H. T. Edwards, Chairman; H. P. Manley, Honorary Secretary; and John C. Rowland, Head-Master (1 certificate).

The number of students under instruction during the year has been 125, showing a decrease of 41 since last year. This total includes 34 students who attended the School of Art, and 90 pupils of private schools.

The fees received from these students amounted to 92*l.* 18*s.* 6*d.*, showing a decrease of 2*l.* 14*s.* 6*d.* from the sum received in the previous year.

Attendance at the School of Art:—Day classes—2 students, who paid 10*s.* per session. Evening classes—32 students, who paid 6*d.*, 1*s.* 8*d.*, and 2*s.* per month.

The income of the school during the year was 147*l.* 16*s.* 6*d.*

The school received 2 third grade prizes of books, &c. for works sent up for inspection, and 7 second grade prizes at the annual local examination.

Eight students sent 104 works to the annual examination at South Kensington.

The local examination was attended by 50 students of the school, of whom 15 were successful.

The school has expended from its own funds 4*l.* on account of examples, &c. for Art instruction.

The total amount of aid afforded to the school by the Department during 1875 has been 22*l.* 8*s.*

### Cheltenham.—(Population in 1871—41,923.)

Established in 1853. Situate at Clarence Parade.

The committee of management consists of 18 members. The officers are:—Thomas Wright, M.D., F.R.S., Chairman; John Middleton, Secretary; and James P. Knight, Head-Master (1 certificate).

The number of students under instruction during the year has been 245 showing a decrease of 41 since last year. This total includes 175 students who attended the School of Art, and 70 pupils of public schools.

The fees received from these students amounted to 165*l.* 8*s.*, 6*d.*, showing a decrease of 82*l.* 18*s.* from the sum received in the previous year.

Appendix C. Schools of Art.

Attendance at the School of Art:—Day classes—70 students, who paid 21*s.* per quarter. Evening classes—109 students, who paid 3*s.*, 5*s.*, or 7*s.* 6*d.* per quarter, and no entrance fee.

The income of the school during the year was 286*l.* 0*s.* 6*d.*

The school received 5 third grade prizes of books, &c. for works sent up for inspection, and 1 second grade prize at the annual local examination.

Fifty-two students sent 276 works to the annual examination at South Kensington.

The local examination was attended by 25 students of the school, of whom 19 were successful.

The total amount of aid afforded to the school by the Department during 1875 has been 68*l.* 4*s.* 2*d.*

### Chester.—(Population in 1871—35,232.)

Established in 1853. Situate at St. John Street.

The committee of management consists of 24 members. The officers are:—The Dean of Chester, Chairman; Rev. Edward L. Y. Deacle, Secretary; and Walter Craister, Head-Master (2 certificates).

The number of students under instruction during the year has been 89, showing an increase of 8 since last year.

The fees received from these students amounted to 100*l.* 0*s.* 6*d.*, showing an increase of 9*l.* 16*s.* on the sum received in the previous year.

Attendance:—Day classes—31 students, who paid 10*s.* and 5*s.* per month, or 2*l.* 2*s.* per session, and 10*s.* and 5*s.* entrance fee. Evening classes—58 students, who paid 2*s.* 6*d.* and 5*s.* per month, or 10*s.* and 1*l.* 1*s.* per session.

The income of the school during the year was 168*l.* 6*s.* 6*d.*

The school received 5 third grade prizes of books, &c. for works sent up for inspection; and 8 second grade prizes at the annual local examination.

One student obtained a local free studentship, and 56 students sent 384 works to the annual examination at South Kensington.

The local examination was attended by 27 students of the school, of whom 19 were successful.

An exhibition of the students' works took place in April, and was attended by 50 visitors.

The total amount of aid afforded to the school by the Department during 1875 has been 76*l.* 6*s.* 11*d.*

### Cirencester.—(Population in 1871—7,073.)

Established in 1860. Situate at Corn Hall Buildings.

The committee of management consists of 19 members. The officers are:—Rev. Dr. Millar, Chairman; Henry Zachary, Secretary; and James Miller, Head-Master (3 certificates).

The number of students under instruction during the year has been 115, showing an increase of 15 since last year.

The fees received from these students amounted to 87*l.* 14*s.*, showing an increase of 15*l.* 12*s.* on the sum received in the previous year.

Attendance:—Day classes—38 students, who paid 1*l.* and 10*s.* per quarter. Evening classes—77 students, who paid 5*s.* and 2*s.* per quarter.

The income of the school during the year was 135*l.* 9*s.* 6*d.*

The school received 17 third grade prizes of books, &c. for works sent up for inspection, and 5 second grade prizes at the annual local examination.

Two students obtained local free studentships. 64 students sent 162 works to the annual examination at South Kensington.

The local examination was attended by 50 students of the school, of whom 18 were successful.

An exhibition of the students' works took place in October, and was attended by 430 visitors.

The school has expended from its own funds 1*l.* 3*s.* 5*d.* on account of examples, &c. for Art instruction.

A local prize scheme for the elementary branches has been adopted.

The total amount of aid afforded to the school by the Department during 1875 has been 68*l.* 1*s.*

### Clonmel.—(Population in 1871—10,508.)

Established in 1854. Situate at the Literary Institute.

The committee of management consists of 9 members. The officers are:—Gerald Fitzgerald, Chairman; M. Kearney, Secretary; and Edward A. Fraser, Head-Master (2 certificates).

The number of students under instruction during the year has been 53, showing a decrease of 1 since last year.

The fees received from these students amounted to 32*l.* 6*s.*, showing a decrease of 4*l.* 19*s.* 9*d.* from the sum received in the previous year.

Attendance:—Day classes—20 students, who paid 3*s.* per month. Evening classes—33 students, who paid 2*s.* and 1*s.* per session.

The income of the school during the year was 42*l.* 6*s.*

The school received 2 third grade prize of books, &c. for works sent up for inspection; and 1 second grade prize at the annual local examination.

Twenty-four students sent 66 works to the annual examination at South Kensington.

The local examination was attended by 35 students of the school, of whom 7 were successful.

The total amount of aid afforded to the school by the Department during 1875 has been 18*l.* 7*s.* 2*d.*

### Coalbrookdale.—(Population in 1871—1,574.)

Established in 1856. Situate at Coalbrookdale.

The committee of management consists of 11 members. The officers are:—Henry Dickinson, J.P., Chairman; Edward Lovell Squire, Secretary; and Henry Woolner, Head-Master (4 certificates).

The number of students under instruction during the year has been 63, showing an increase of 3 since last year.

The fees received from these students amounted to 73*l.* 3*s.* 6*d.*, showing a decrease of 6*l.* 9*s.* from the sum received in the previous year.

Atendance:—Day classes—11 students, who paid 5*s.* and 7*s.* per month. Evening classes—52 students, who paid 1*s.* and 2*s.* per month.

The income of the School during the year was 160*l.* 4*s.* 6*d.*

The school received 10 third grade prizes of books, &c. for works sent up for inspection; 2 students obtained local free studentships. 49 students sent 457 works to the annual examination at South Kensington.

The local examination was attended by 28 students of the school, of whom 10 were successful.

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The school has expended from its own funds 6*l.* 2*s.* on account of examples, &c. for Art instruction.

The total amount of aid afforded to the school by the Department during 1875 has been 82*l.* 10*s.* 10*d.*, including a prize of 10*l.* to the head-master.

### Coleford.—(Population in 1871—2,718.)

Established in 1872. Situate at Newland Street.

The committee of management consists of 15 members. The officers are:—Sir James Campbell, Bart., Chairman; William Henry Hinton, Secretary; and Thomas Lyons, Head-Master (1 certificate).

The number of students under instruction during the year has been 46, showing a decrease of 11 since last year.

The fees received from these students amounted to 51*l.* 16*s.* 10*d.*, showing a decrease of 10*l.* 8*s.* 2*d.* from the sum received in the previous year.

Attendance:—Day classes—20 students, who paid 15*s.* per term. Evening classes—26 students, who paid 5*s.* per term.

The income of the school during the year was 92*l.* 8*s.* 1*d.*

The school received 2 third grade prize of books, &c. for works sent up for inspection; and 1 second grade prize at the annual local examination.

Sixteen students sent 28 works to the annual examination at South Kensington.

The local examination was attended by 14 students of the school, of whom 6 were successful.

An exhibition of the students' works took place in the Market Hall, and was attended by 250 visitors.

The school has expended from its own funds 2*l.* 8*s.* 7*d.* on account of examples, &c. for Art instruction.

The total amount of aid afforded to the school by the Department during 1875 has been 16*l.* 1*s.*

A number of local prizes are offered annually.

### Cork.—(Population in 1871—78,382.)

Established in 1854. Situate at Nelson Place.

The committee of management consists of 8 members. The officers are:—James Beale, Vice-Chairman; Thomas S. Dunscombe, Secretary; and James Brenan, Head-Master (4 certificates).

The number of students under instruction during the year has been 222, showing an increase of 34 since last year.

The fees received from these students amounted to 230*l.* 5*s.*, showing an increase of 33*l.* 17*s.* 6*d.* on the sum received in the previous year.

Attendance:—Day classes—136 students, who paid 1*l.* per session. Evening classes—86 students, who paid 10*s.* per session.

The income of the school during the year was 489*l.* 15*s.* 10*d.*

The school received 26 third grade prizes of books, &c. for works sent up for inspection; and 6 second grade prizes at the annual local examination.

One student obtained a local free studentship. 148 students sent 458 works to the annual examination at South Kensington.

The local examination was attended by 67 students of the school, of whom 31 were successful.

An exhibition of the students' works took place in December, and was attended by 800 visitors.

The school has expended from its own funds 12*l.* 2*s.* 4*d.* on account of examples, &c. for Art instruction.

The total amount of aid afforded to the school by the Department during 1875 has been 122*l.* 6*s.* 6*d.*

The mayor of Cork has given some prizes to the school.

COVENTRY.—(Population in 1871—41,674.)

Established in 1844. Situate at Ford Street.

The committee of management consists of 23 members. The officers are:—The Mayor, Chairman; John Gulson, Secretary and John Anderson, Head-Master (4 certificates).

The number of students under instruction during the year has been 271, showing a decrease of 5 since last year. This total includes 188 students who attended the School of Art, and 83 pupils of private schools.

The fees received from these students amounted to 152*l.* 5*s.* 6*d.*, showing an increase of 7*l.* 15*s.* on the sum received in the previous year.

Atendance at the School of Art:—Day classes—69 students, who paid 2*s.* 6*d.* and 15*s.* per quarter. Evening classes—119 students, who paid 2*s.* 6*d.* and 5*s.* per month.

The income of the school during the year was 447*l.* 6*s.* 9*d.*

The school received 1 bronze medal, and 4 Queen's prizes of books in the national competition; 19 third grade prizes of books, &c. for works sent up for inspection, and 7 second grade prizes at the annual local examination.

Five students obtained local free studentships; 103 students sent 593 works to the annual examination at South Kensington.

The local examination was attended by 53 students of the school, of whom 30 were successful.

An exhibition of the students' works took place in October, and was attended by about 2,500 visitors.

The total amount of aid afforded to the school by the Department during 1875 has been 144*l.* 12*s.* 11*d.*, including a prize of 10*l.* to the head-master.

Prizes were given by members of the committee and friends of the school.

CROYDON.—(Population in 1871—56,650.)

Established in 1868. Situate at Wellesley Road.

The committee of management consists of 22 members. The officers are:—Alfred Carpenter, M.D., Chairman; Henry T. Mennell, Secretary; and Montague Wigzell, Head-Master (1 certificate).

The number of students under instruction during the year has been 172, showing an increase of 2 since last year.

The fees received from these students amounted to 309*l.* 2*s.* 9*d.*, showing a decrease of 24*l.* 4*s.* 9*d.* from the sum received in the previous year.

Attendance:—Day classes—101 students, who paid 21*s.*, 23*s.*, and 10*s.* 6*d.* per quarter, and 5*s.* entrance fee. Evening classes—71 students, who paid 1*l.*, 10*s.* 6*d.*, and 5*s.* per quarter, and 2*s.* per month, and 5*s.*, 3*s.*, and 2*s.* entrance fees.

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The income of the school during the year was 363*l.* 2*s.* 9*d.*

The school received 15 third grade prizes of books, &c. for works sent up for inspection, and 6 second grade prizes at the annual local examination.

One student obtained a local free studentship, 94 students sent 378 works to the annual examination at South Kensington.

The local examination was attended by 54 students of the school, of whom 23 were successful.

An exhibition of the students' works took place in November, and was attended by 10,000 visitors.

The school has expended from its own funds 10*l.* on account of examples, &c. for Art instruction.

The total amount of aid afforded to the school by the Department during 1875 has been 67*l.* 1*s.* 5*d.*

### Darlington.—(Population in 1871—40,812.)

Established in 1857. Situate at Mechanics' Institute.

The committee of management consists of 12 members. The officers are:—Henry Pease, Chairman; J. C. I'Anson, Secretary; and Samuel Elton, Head-Master (2 certificates).

The number of students under instruction during the year has been 227, showing a decrease of 13 since last year. This total includes 171 students who attended the School of Art, and 56 pupils of private schools.

The fees received from these students amounted to 252*l.* 12*s.*, showing a decrease of 4*s.* from the sum received in the previous year.

Attendance at the School of Art:—Day classes—42 students who paid 8*s.* and 4*s.* per month. Evening classes—129 students, who paid 2*s.* and 4*s.* per month, and 2*s.* entrance fee.

The income of the school during the year was 409*l.* 12*s.* 2*d.*

The school received 3 third grade prizes of books, &c. for works sent up for inspection; and 5 second grade prizes at the annual local examination.

One student obtained a certificate of the third grade, and 108 students sent 597 works to the annual examination at South Kensington.

The local examination was attended by 52 students of the school, of whom 26 were successful.

An exhibition of the students' works took place in October, and was attended by between 400 and 500 visitors.

The school has expended from its own funds 21*l.* 16*s.* 7*d.* on account of examples, &c. for Art instruction.

The total amount of aid afforded to the school by the Department during 1875 has been 86*l.* 1*s.* 2*d.*

### Derby.—(Population in 1871—61,358.)

Established in 1870. Situate at Wardwick.

The committee of management consists of 27 members. The officers are:—Thomas W. Evans, M.P., Chairman; John Rickard, Hon. Secretary; and Thomas C. Simmonds, Head-Master (1 certificate).

The number of students under instruction during the year has been 344, showing a decrease of 27 since last year. This total includes 263 students who attended the School of Art, and 81 pupils of private schools.

The fees received from these students amounted to 331*l.* 9*s.*, showing a decrease of 15*l.* 17*s.* from the sum received in the previous year.

Attendance at the School of Art:—Day classes—74 students, who paid 2*l.* 2*s.* per session. Evening classes—189 students, who paid 12*s.* or 17*s.* per session.

The income of the school during the year was 522*l.* 9*s.*

The school received 1 bronze medal, and 1 Queen's prize of books in the national competition; 26 third grade prizes of books, &c. for works sent up for inspection; and 21 second grade prizes at the annual local examination.

One student obtained a certificate of the third grade, and 2 obtained local free studentships; 275 students sent 2,860 works to the annual examination at South Kensington.

The local examination was attended by 80 students of the school, of whom 55 were successful.

An exhibition of the students' works took place in December, and was attended by 3,000 visitors.

The school has expended from its own funds 21*l.* 3*s.* on account of examples, &c. for Art instruction.

The total amount of aid afforded to the school by the Department during 1875 has been 282*l.* 8*s.* 11*d.*, including a prize of 20*l.* to the head-master.

DEVIZES.—(Population in 1871—6,840.)

Established in 1864. Situate at Assize Courts.

The committee of management consists of 12 members. The officers are:—George Simpson (Mayor of Devizes), Chairman; William Day, Secretary; and George Ryles, Head-Master (2 certificates).

The number of students under instruction during the year has been 65, showing an increase of 9 since last year. This total includes 55 students who attended the School of Art, and 10 pupils of private schools.

The fees received from these students amounted to 111*l.* 14*s.* 6*d.*, showing an increase of 28*l.* 12*s.* 6*d.* on the sum received in the previous year.

Attendance at the School of Art:—Day classes—34 students, who paid 1*l.* 11*s.* 6*d.* per session, and 2*s.* 6*d.* entrance fee. Evening classes—21 students, who paid 2*s.* per month, and 2*s.* 6*d.* entrance fee.

The income of the school during the year was 178*l.* 0*s.* 10*d.*

The school received 9 third grade prizes of books, &c. for works sent up for inspection, and 3 second grade prizes at the annual local examination.

Sixty students sent 536 works to the annual examination at South Kensington.

The local examination was attended by 23 students of the school, of whom 11 were successful.

An exhibition of the students' works took place in November, and was attended by 800 visitors.

The total amount of aid afforded to the school by the Department during 1875 has been 51*l.* 2*s.* 10*d.*

DOLLAR.—(Population in 1871—2,524).

Established in 1875. Situate at the Institution.

The committee of management consists of 17 members. The officers are:—W. T. Haig, J.P., Chairman; John Strachan, M.D., Secretary; and R. L. Bain, Head-Master (1 certificate).

The number of students under instruction during the year has been 108.

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The fees received from these students amounted to 81*l.* 18*s.*

Attendance:—Day classes—78 students, who paid 21*s.* per session and entrance fee. Evening classes—17 students, who paid 1*l.* and 3*s.* 6*d.* per session.

The income of the school during the year was 101*l.* 17*s.* 2*d.*

Six students sent 39 works to the annual examination at South Kensington.

The local examination was attended by 45 students of the school, of whom 7 were successful.

An exhibition of the students' works took place on 23rd July, and was attended by about 500 visitors.

The school has expended from its own funds 5*l.* 5*s.* 9*d.* on account of examples, &c. for Art instruction.

The total amount of aid afforded to the school by the Department during 1875 has been 10*s.*

### Dorchester.—(Population in 1871—6,915.)

Established in 1867. Situate at High West Street.

The committee of management consists of 14 members. The officers are:—T. Coombs, Chairman; J. D. Robinson, Secretary; and Thomas Baker, Head-Master (3 certificates).

The number of students under instruction during the year has been 72, showing an increase of 16 since last year.

The fees received from these students amounted to 96*l.* 11*s.*, showing a decrease of 5*l.* 10*s.* from the sum received in the previous year.

Attendance:—Afternoon classes—36 students, who paid 1*l.* 1*s.* and 15*s.* 9*d.* per quarter. Evening classes—36 students, who paid 6*s.* and 3*s.* per quarter.

The income of the school during the year was 137*l.* 1*s.* 6*d.*

The school received 1 bronze medal in the national competition; 8 third grade prizes of books, &c. for works sent up for inspection, and 6 second grade prizes at the annual local examination.

Fifty students sent 264 works to the annual examination at South Kensington.

The local examination was attended by 22 students of the school, of whom 11 were successful.

An exhibition of the students' works took place in the Town Hall, and was attended by 300 visitors.

The total amount of aid afforded to the school by the Department during 1875 has been 34*l.* 12*s.* 7*d.*

### Dover.—(Population in 1871—28,506.)

Established in 1870. Situate at Eastbrook Place.

The committee of management consists of 11 members. The officers are:—E. Knocker, Chairman; Wollaston Knocker, Secretary; and William Duckett, Head-Master (2 certificates).

The number of students under instruction during the year has been 113, showing an increase of 12 since last year.

The fees received from these students amounted to 134*l.* 14*s.* 6*d.*, showing a decrease of 5*s.* from the sum received in the previous year.

Attendance:—Day classes—83 students, who paid 30*s.*, 21*s.*, 14*s.*, 10*s.* 6*d.*, and 2*s.* 6*d.* per session. Evening classes—30 students, who paid 7*s.* per session.

The income of the school during the year was 198*l.* 12*s.* 6*d.*

The school received 6 third grade prizes of books, &c. for works sent up for inspection, and 5 second grade prizes at the annual local examination.

Forty-seven students sent 534 works to the annual examination at South Kensington.

The local examination was attended by 46 students of the school, of whom 22 were successful.

The total amount of aid afforded to the school by the Department during 1875 has been 59*l.* 2*s.* 10*d.*

DUBLIN.—(Population in 1871—245,722.)

Established in 1740. Situate at Royal Dublin Society's House, Kildare Street.

The committee of management consists of 11 members. The officers are:—F. L. Davies, K.J.J., Chairman; Wm. E. Steele, Secretary; R. Edwin Lyne, Head-Master (4 certificates), and Mary Julyan, Art Mistress (3 certificates).

The number of students under instruction during the year has been 545, showing an increase of 42 since last year.

The fees received from these students amounted to 446*l.* 11*s.* 11*d.*, showing an increase of 26*l.* 16*s.* 6*d.* on the sum received in the previous year.

Attendance:—Day classes—214 students, who paid from 4*s.* to 20*s.* per month, and 2*s.* 6*d.* entrance fee. Evening classes—331 students, who paid from 1*s.* to 3*s.* per month, and 4*d.* entrance fee.

The income of the school during the year was 913*l.* 14*s.* 8*d.*

The school received 5 bronze medals in the national competition; 45 third grade prizes to 36 students of books, &c. for works sent up for inspection; and 21 second grade prizes at the annual local examination.

Two hundred and eighty-eight students sent 852 works to the annual examination at South Kensington.

The local examination was attended by 164 students of the school, of whom 90 were successful.

The total amount of aid afforded to the school by the Department during 1875 has been 188*l.* 19*s.* 9*d.*, including a prize of 10*l.* to the head-master.

DUBLIN.—(Population in 1871—245,722.)

Established in 1869. Situate at Queen's Institute, Molesworth Street.

The committee of management consists of 18 members. The officers are:—Right Hon. Lord Talbot de Malahide, Chairman; Miss A. B. Corlett, Secretary; and Arthur J. Mayne, R.H.A., Head-Master (1 certificate).

The number of students under instruction during the year has been 75, showing an increase of 1 since last year.

The fees received from these students amounted to 125*l.*, showing an increase of 16*l.* on the sum received in the previous year.

Attendance:—Day classes—75 students, who paid 10*s.* to 3*s.* per month.

The income of the school during the year was 192*l.* 12*s.* 6*d.*

The school received 13 third grade prizes of books, &c. for works sent up for inspection; and 5 second grade prizes at the annual local examination.

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One student obtained a local free studentship. 64 students sent 390 works to the annual examination at South Kensington.

The local examination was attended by 26 students of the school, of whom 14 were successful.

An exhibition of the students' works took place in December and January, and was attended by 1,373 visitors.

The school has expended from its own funds 4*l.* on account of examples, &c. for Art instruction.

The total amount of aid afforded to the school by the Department during 1875 has been 98*l.* 14*s.* 5*d.*, including a prize of 10*l.* to the head-master.

Prizes of medals, books, and money are awarded for designs applied to local industries and for excellence in the advanced stages of instruction.

### DUDLEY.—(Population in 1871—43,782.)

Established in 1853. Situate at Upper King Street.

The committee of management consists of 11 members. The officers are:—Rev. W. R. Cosens, D.D., Chairman; George Smith, Secretary; and David Jones, Head-Master (4 certificates).

The number of students under instruction during the year has been 135, showing an increase of 11 since last year.

The fees received from these students, including 3*l.* from the Department for Free Studentship, amounted to 142*l.* 6*s.* 9*d.*, showing an increase of 1*l.* 10*s.* 1*d.* on the sum received in the previous year.

Attendance:—Day classes—25 students, who paid 21*s.* per quarter. Evening classes—112 students, who paid 10*s.*, 8*s.*, and 5*s.* 6*d.* per quarter.

The income of the school during the year was 390*l.* 6*s.* 7*d.*

The school received 13 third grade prizes of books, &c. for works sent up for inspection, and 4 second grade prizes at the annual local examination.

One hundred and thirteen students sent 983 works to the annual examination at South Kensington.

The local examination was attended by 51 students of the school, of whom 24 were successful.

An exhibition of the students' works took place in the School of Art, and was attended by nearly 600 visitors.

The school has expended from its own funds 22*l.* 2*s.* 9*d.* on account of examples, &c. for Art instruction.

The total amount of aid afforded to the school by the Department during 1875 has been 126*l.* 10*s.* 6*d.*, including a prize of 10*l.* to the head-master.

### DUMFRIES.—(Population in 1871—15,455.)

Established in 1874. Situate at Academy Street.

The committee of management consists of 5 members. The officers are:—John Symons, Chairman; D. Mitchell, Secretary; and George Bain, Head-Master (1 certificate).

The number of students under instruction during the year has been 60, showing an increase of 27 since last year.

The fees received from these students amounted to 43*l.* 18*s.* 6*d.*, showing an increase of 24*l.* 0*s.* 6*d.* on the sum received in the previous year.

Attendance:—Day classes—16 students, who paid 3*s.*, 4*s.*, and 5*s.* per month. Evening classes—44 students, who paid 2*s.* per month.

The income of the school during the year was 119*l.* 4*s.* 6*d.*

The school received 1 third grade prize of books, &c., for works sent up for inspection; and 2 second grade prizes at the annual local examination.

Twenty-six students sent 106 works to the annual examination at South Kensington.

The local examination was attended by 20 students of the school, of whom 6 were successful.

The school has expended from its own funds 5*l.* 10*s.* 5½*d.* on account of examples, &c., for Art instruction.

The total amount of aid afforded to the school by the Department during 1875 has been 18*l.* 16*s.* 7*d.*

The sum of 5*l.* has been presented to the school for prizes.

### Dundee.—(Population in 1871—120,718.)

Established in 1856. Situate at Euclid Crescent.

The committee of management consists of 12 members. The officers are:—William Thoms, J.P., Chairman; A. W. Cumming, Secretary; and John Kennedy, Head-Master (3 certificates).

The number of students under instruction during the year has been 412, showing an increase of 16 since last year.

The fees received from these students amounted to 579*l.* 4*s.*, showing an increase of 10*l.* 16*s.* on the sum received in the previous year.

Attendance:—Day classes—240 students, who paid 4*s.* 4½*d.*, or 5*s.* 2*d.* per month. Evening classes—172 students, who paid 2*s.* per month, and 2*s.* 6*d.* entrance fee.

The income of the school during the year was 670*l.* 13*s.*

The school received 11 third grade prizes of books, &c. for works sent up for inspection, and 8 second grade prizes at the annual local examination.

One hundred and twenty-three students sent 337 works to the annual examination at South Kensington.

The local examination was attended by 99 students of the school, of whom 21 were successful.

An exhibition of the students' works took place in June, and was attended by 2,000 visitors.

The total amount of aid afforded to the school by the Department during 1875 has been 88*l.* 12*s.* 3*d.*

### Durham.—(Population in 1871—14,888.)

Established in 1853. Situate at Saddler Street.

The committee of management consists of 10 members. The officers are:—John Bramwell, Chairman; Rev. William Greenwell, Secretary; George H. Newton, Head-Master (3 certificates).

The number of students under instruction during the year has been 157, showing no increase since last year.

The fees received from these students amounted to 223*l.* 17*s.* 6*d.*, showing an increase of 3*l.* 3*s.* 6*d.* on the sum received in the previous year.

Attendance:—Day classes—71 students, who paid 1*l.* 1*s.* and 10*s.* 6*d.* per quarter, and 1*s.* entrance fee. Evening classes—86 students, who paid 5*s.* per quarter, 2*s.* per month, and 6*d.* per week, and 1*s.* entrance fee.

The income of the School during the year was 270*l.* 19*s.*

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The school received 5 third grade prizes of books, &c. for works sent up for inspection, and 8 second grade prizes at the annual local examination.

Forty-eight students sent 522 works to the annual examination at South Kensington.

The local examination was attended by 47 students of the school of whom 23 were successful.

The total amount of aid afforded to the school by the Department during 1875 has been 34*l.* 9*s.* 10*d.*

A local prize of 15*s.* is given to students of the evening class who 3rd grade prize.

### Edinburgh.—(Population in 1871—196,500.)

Established in 1760; affiliated to Science and Art Department, 1858. Situate at the Royal Institution, Princes Street.

#### Male School.

The committee of management consists of the Board of Trustees for Manufactures, &c., Scotland. The officers are:—Any member, Chairman; Hon. B. F. Primrose, Secretary; Charles D. Hodder, Head-Master (2 certificates); and William A. Morley, Assistant-Master (4 certificates).

The number of students under instruction during the year has been 429, showing a decrease of 65 students since last year.

The fees received from these students amounted to 394*l.* 15*s.*, showing a decrease of 24*l.* from the sum received in the previous year.

Attendance:—Day classes—67 students, who paid 1*l.* and 1*l.* 10*s.* per session, and 5*s.* per month. Evening classes—415 students, who paid 10*s.* per session, and 2*s.* 6*d.* per month.

The income of the school during the year was 957*l.* 14*s.*

The school received 1 gold medal, 1 silver medal, and 6 Queen's prizes of books in the national competition; 38 third grade prizes of books, &c. for works sent up for inspection; and 26 second grade prizes at the annual local examination.

One student obtained certificate of the third grade, and 4 obtained local free studentships; 199 students sent 1,140 works to the annual examination at South Kensington.

The local examination was attended by 100 students of the school, of whom 69 were successful.

An exhibition of the students' works took place in the Royal Academy National Galleries, and was attended by 1,254 visitors.

The school has expended from its own funds 1*l.* 15*s.* 8*d.* on account of examples, &c. for Art instruction.

The total amount of aid afforded to the school by the Department during 1875 has been 310*l.* 6*s.* 11*d.*, including a prize of 20*l.* to the head-master.

The Board of Manufactures granted 20*l.* for prizes to this school as heretofore.

#### Female School.

Chas. D. Hodder, Head-Master (2 certificates); Rosa E. Woon, Mistress (2 certificates).

The number of students under instruction during the year has been 274, showing an increase of 37 students since last year.

The fees received from these students amounted to 415*l.* 10*s.*, showing an increase of 24*l.* 7*s.* 6*d.* on the sum received in the previous year.

Attendance:—Day classes—166 students, who paid 20*s.*, 30*s.*, and 40*s.* per session, and 5*s.* per month. Evening classes—142 students, who paid 10*s.* per session, and 2*s.* 6*d.* per month.

The income of the school during the year was 673*l.*

The school received 1 bronze medal, and 2 Queen's prizes of books in the national competition; 23 third grade prizes of books, &c. for works sent up for inspection; and 19 second grade prizes at the annual local examination.

One student obtained local free studentship. 195 students sent 885 works to the annual examination at South Kensington.

The local examination was attended by 148 students of the school, of whom 62 were successful.

An exhibition of the students' works took place in the Royal Academy National Galleries, and was attended by 1,254 visitors.

The school has expended from its own funds 15*s.* on account of examples, &c. for Art instruction.

The total amount of aid afforded to the school by the Department during 1875 has been 149*l.* 13*s.* 9*d.*, including a prize of 10*l.* to the head-master.

The Board of Manufactures granted 12*l.* to the female school for prizes.

EXETER.—(Population in 1871—40,000.)

Established in 1854. Situate at Queen Street.

The committee of management consists of 16 members. The officers are:—Charles J. Follett, Chairman; W. Cotton, Secretary; and James B. Birkmyer, Head-Master (4 certificates).

The number of students under instruction during the year has been 269, showing a decrease of 7 since last year.

The fees received from these students amounted to 437*l.* 2*s.* 6*d.*, showing an increase of 37*l.* 2*s.* 6*d.* on the sum received in the previous year.

Attendance:—Day classes—67 students who paid 3*l.* 3*s.* and 2*l.* 2*s.* per session, and 5*s.* entrance fee. Evening classes—202 students, who paid 4*s.*, 2*s.*, and 1*s.* per month, and 2*s.* entrance fee.

The income of the school during the year was 583*l.* 19*s.* 6*d.*

The school received 1 silver medal, 1 bronze medal; 13 third grade prizes of books, &c., for works sent up for inspection; and 9 second grade prizes at the annual local examination.

One student obtained a local free studentship; 212 students sent 1,111 works to the annual examination at South Kensington.

The local examination was attended by 110 students of the school, of whom 45 were successful.

The total amount of aid afforded to the school by the Department during 1875 has been 164*l.* 9*s.* 5*d.*, including a prize of 10*l.* to the head-master.

FARNHAM (with branch at Alton).—(Population in 1871—10,213.)

Established in 1871. Situate at South Street.

The committee of management consists of 18 members. The officers are:—William Webb, Chairman; Robert O. Clark, Secretary; and John J. Offord, Head-Master (1 certificate).

The number of students under instruction during the year has been 104, showing an increase of 4 since last year. This total includes

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76 students who attended the School of Art, and 28 students of branch classes at Alton.

The fees received from these students amounted to 115*l.* 14*s.*, showing an increase of 6*l.* 15*s.* 6*d.* on the sum received in the previous year.

Attendance at the School of Art:—Day classes—32 students, who paid 15*s.* and 1*l.* 1*s.* per quarter. Evening classes—40 students who paid 3*s.* per quarter.

The income of the school during the year was 150*l.* 9*s.* 6*d.*

The school received 4 third grade prizes of books, &c. for works sent up for inspection, and 2 second grade prizes at the annual local examination.

Twenty-three students sent 102 works to the annual examination at South Kensington.

The local examination was attended by 39 students of the school, of whom 20 were successful.

The total amount of aid afforded to the school by the Department during 1875 has been 28*l.* 4*s.* 4*d.*

### Frome.—(Population in 1871—12,500.)

Established in 1865. Situate at North Parade.

The committee of management consists of 9 members. The officers are:—W. T. Crutwell, Chairman; John W. Singer, Secretary; W. H. Collins, Head-Master (1 certificate); and W. C. Coles, Assistant-Master (1 certificate).

The number of students under instruction during the year has been 97, showing an increase of 2 since last year. This total includes 57 students who attended the School of Art, and 40 pupils of private schools.

The fees received from these students amounted to 101*l.* 8*s.*, showing an increase of 10*l.* 4*s.* on the sum received in the previous year.

Attendance at the School of Art:—Day classes—16 students, who paid 7*s.* per month. Evening classes—41 students, who paid 2*s.* per month.

The income of the school during the year was 155*l.*

The school received 2 third grade prizes of books, &c. for works sent up for inspection, and 1 second grade prize at the annual local examination.

One student obtained a certificate of the 3rd grade; and 37 students sent 144 works to the annual examination at South Kensington.

The local examination was attended by 22 students of the school, of whom 4 were successful.

The school has expended from its own funds 2*l.* on account of examples, &c. for Art instruction.

The total amount of aid afforded to the school by the Department during 1875 has been 39*l.* 8*s.*

### Glasgow.—(Population in 1871—477,147.)

Established in 1842. Situate at 3, Rose Street.

The committee of management consists of 26 members. The officers are:—James Hannan, Chairman; Edw. R. Catterns, Secretary; and Robert Greenlees, Head-Master; Robert Brydall (1 certificate) and Alexander Banner (3 certificates), Assistant-Masters.

The number of students under instruction during the year has been 1,252, showing an increase of 143 since last year.

The fees received from these students amounted to 1,351*l.* 14*s.* 9*d.*, showing an increase of 118*l.* 0*s.* 1*d.* on the sum received in the previous year.

Attendance :—Day classes—360 students, who paid 3*s.* 6*d.*, 5*s.*, 6*s.*, 8*s.*, 9*s.*, 10*s.*, 12*s.*, 14*s.*, 16*s.*, 18*s.*, 19*s.*, 24*s.*, and 28*s.* per month, and 1*s.* and 2*s.* 6*d.* entrance fee. Evening classes—892 students, who paid 2*s.*, 3*s.* 6*d.*, 4*s.*, 5*s.*, 6*s.*, 10*s.*, and 15*s.* per month, and 1*s.* entrance fee.

The income of the school during the year was 1,911*l.* 19*s.* 3*d.*

The school received 1 silver medal, 1 bronze medal, and 32 third grade prizes of books, &c. for works sent up for inspection, and 18 second grade prizes at the annual local examination.

Five students obtained local free studentships. 714 students sent 3,410 works to the annual examination at South Kensington.

The local examination was attended by 396 students of the school, of whom 107 were successful.

An exhibition of the students' works took place in Corporation Galleries, and was attended by 1,451 visitors.

The school has expended from its own funds 3*l.* 3*s.* 2*d.* on account of examples, &c. for Art instruction.

The total amount of aid afforded to the school by the Department during 1875 has been 413*l.* 10*s.* 3*d.*, including a prize of 20*l.* to the head-master.

Medals and money prizes are awarded by the Haldane Trustees, and prizes of books by the Local Committee.

GLOUCESTER.—(Population in 1871—31,804.)

Established in 1859. Situate at Brunswick Road.

The committee of management consists of 25 members. The officers are :—T. Gambier Parry, Chairman ; J. D. Thos. Niblett, Secretary ; and John Kemp, Head-Master (3 certificates).

The number of students who attended the School of Art during the year has been 237, showing an increase of 13 since last year.

The fees received from these students amounted to 345*l.* 0*s.* 6*d.*, showing an increase of 50*l.* 7*s.* 3*d.* on the sum received in the previous year.

Attendance :—Day classes—129 students, who paid from 10*s.* to 1*l.* 10*s.* per quarter. Evening classes—108 students, who paid from 4*s.* to 10*s.* per quarter.

The income of the school during the year was 437*l.* 4*s.* 6*d.*

The school received 2 Queen's prizes of books in the national competition ; 15 third grade prizes of books, &c. for works sent up for inspection ; and 9 second grade prizes at the annual local examination.

One student obtained a local free studentship. 93 students sent 467 works to the annual examination at South Kensington.

The local examination was attended by 78 students of the school, of whom 25 were successful.

An exhibition of the students' works took place in December, and was attended by 1,000 visitors.

The school has expended from its own funds 3*l.* 7*s.* 9*d.* on account of examples, &c. for Art instruction.

The total amount of aid afforded to the school by the Department during 1875 has been 121*l.* 12*s.* 5*d.*

Several local prizes are awarded.

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SCHOOLS OF ART.

HALIFAX.—(Population in 1871—65,124.)

Established in 1859. Situate at Crossley Street.

The committee of management consists of 11 members. The officers are:—H C McCrea, Chairman; Chas. J. Fox, Secretary; and W. H. Stopford, Head-Master (3 certificates).

The number of students under instruction during the year has been 214 showing an increase of 19 since last year. This total includes 89 students who attended the School of Art, and 125 pupils of private schools.

The fees received from these students amounted to 204*l.*, showing an increase of 45*l.* 10*s.* on the sum received in the previous year.

Attendance at the School of Art:—Day classes—8 students, who paid 7*s.* per month and 5*s.* entrance fee. Evening classes—81 students, who paid 2*s.* 6*d.* per month, and 2*s.* 6*d.* entrance fee.

The income of the school during the year was 328*l.* 19*s.*

The school received 2 bronze medals in the national competition; 10 third grade prizes of books, &c. for works sent up for inspection; and 3 second grade prizes at the annual local examination.

Three students obtained local free studentships. 76 students sent 623 works to the annual examination at South Kensington.

The local examination was attended by 25 students of the school, of whom 12 were successful.

An exhibition of the students' works took place in January, and was attended by 1,500 visitors.

The total amount of aid afforded to the school by the Department during 1875 has been 121*l.* 11*s.*, including a prize of 20*l.* to the head-master.

HANLEY.—(Population in 1871—41,976.)

Established in 1847. Situate at Pall Mall.

The committee of management consists of 14 members. The officers are:—B. Boothroyd, Chairman; Edwin Powell, Secretary; and A. A. Bradbury, Head-Master (3 certificates).

The number of students under instruction during the year has been 201, showing a decrease of 6 since last year.

The fees received from these students amounted to 156*l.* 18*s.* 6*d.*, showing an increase of 18*l.* 3*s.* 6*d.* on the sum received in the previous year.

Attendance:—Day classes—32 students, who paid 1*s.* 6*d.* per month and 15*s.* per quarter. Evening classes—169 students, who paid 1*s.* 6*d.* and 2*s.* per month.

The income of the school during the year was 587*l.* 2*s.*

The school received 32 third grade prizes of books, &c. for works sent up for inspection, and 15 second grade prizes at the annual local examination.

Five students obtained local free studentships. 160 students sent 1,573 works to the annual examination at South Kensington.

The local examination was attended by 135 students of the school, of whom 49 were successful.

An exhibition of the students' works took place in October.

The school has expended from its own funds 1*l.* 12*s.* 11*d.* on account of examples, &c. for Art instruction.

The total amount of aid afforded to the school by the Department during 1875 has been 266*l.* 10*s.* 11*d.*, including a prize of 30*l.* to the head-master.

The sum of 22*l.* 10*s.* is received annually for distribution in prizes.

Hartlepool, West.—(Population in 1871—37,487.)

Established in 1874. Situate at Athenæum, Church Street.

The committee of management consists of 14 members. The officers are:—Samuel Gourley, M.D., F.R.C.S., Chairman; John Oughtred, Secretary; and Edmund E. Denyer, Head-Master (1 certificate).

The number of students under instruction during the year has been 102.

The fees received from these students amounted to 58*l.* 17*s.* 2*d.*

Attendance:—Day classes—11 students, who paid 1*l.* 1*s.* per quarter. Evening classes—8 students, who paid 10*s.* 6*d.* and 5*s.* 3*d.* per quarter.

The income of the school during the year was 105*l.* 18*s.*

The school received 1 third grade prize of books, &c. for works sent up for inspection, and 5 second grade prizes at the annual local examination.

Thirty-nine students sent 191 works to the annual examination at South Kensington.

The local examination was attended by 23 students of the school, of whom 14 were successful.

An exhibition of the students' works took place in the Athenæum, and was attended by 200 visitors.

The school has expended from its own funds 5*l.* 14*s.* 7*d.* on account of examples, &c. for Art Instruction.

The total amount of aid afforded to the school by the Department during 1875 has been 29*l.* 0*s.* 10*d.*

Huddersfield.—(Population in 1871—78,458.)

Established in 1872. Situate at Northumberland Street.

The committee of management consists of 22 members. The officers are:—J. Lowenthal, Chairman; Joseph Bate, Secretary; Peace Sykes, Head-Master (1 certificate); and Henry Sykes, assistant-master (1 certificate).

The number of students under instruction during the year has been 155, showing a decrease of 15 since last year.

The fees received from these students amounted to 65*l.* showing a decrease of 8*l.* 5*s.* from the sum received in the previous year.

Attendance:—Day classes—10 students, who paid 8*s.* 4*d.* per month. Evening classes—80 students, who paid 1*s.* 2*d.* per month, and 6*d.* entrance fee.

The income of the School during the year was 133*l.* 12*s.*

The school received 1 Queen's prize of books in the national competition, 5 third grade prizes of books, &c. for works sent up for inspection, and 9 second grade prizes at the annual local examination.

One student obtained a certificate of the third grade, and 26 students sent 155 works to the annual examination at South Kensington.

The local examination was attended by 79 students of the school of whom 32 were successful.

An exhibition of the students' works took place in December, and was attended by 800 visitors.

The school has expended from its own funds 1*l.* on account of examples, &c. for Art instruction.

The total amount of aid afforded to the school by the Department during 1875 has been 76*l.* 18*s.* 10*d.*

Appendix C.

SCHOOLS OF ART.

HULL.—(Population in 1871—123,111.)

Established in 1861. Situate at Public Rooms, Kingston Square.

The committee of management consists of 15 members. The officers are:—John H. Gibson, M.D., Chairman; Wm. Day Keyworth, Secretary; and John Menzies, Head-Master (4 certificates).

The number of students under instruction during the year has been 258, showing an increase of 32 since last year.

The fees received from these students amounted to 267*l.* 18*s.*, showing an increase of 43*l.* 5*s.* 6*d.* on the sum received in the previous year.

Attendance:—Day classes—121 students, who paid 2*l.* 10*s.*, 1*l.* 7*s.* 6*d.*, and 1*l.* 1*s.* per session; and 7*s.* 6*d.* and 2*s.* 6*d.* entrance fee. Evening classes:—149 students, who paid 12*s.* 6*d.* and 8*s.* 6*d.* per session, and 2*s.* entrance fee.

The income of the school during the year was 334*l.* 8*s.*

The school received 1 Queen's prize of books in the national competition; 9 third grade prizes of books, &c. for works sent up for inspection; and 5 second grade prizes at the annual local examination.

Eighty-two students sent 823 works to the annual examination at South Kensington.

The local examination was attended by 64 students of the school, of whom 27 were successful.

The total amount of aid afforded to the school by the Department during 1875 has been 75*l.* 4*s.* 3*d.*

Local prizes to the amount of 6*l.* 10*s.* have been given.

INVERNESS.—(Population in 1871—12,499.)

Established in 1865. Situate at Academy Street.

The committee of management consists of members. The officers are:—Alexander Simpson, Provost, Chairman; Andrew Davidson, Secretary; and Peter Smart, Head-Master (1 certificate).

The number of students under instruction during the year has been 81, showing a decrease of 11 since last year.

The fees received from these students amounted to 56*l.* 5*s.* 6*d.*, showing an increase of 13*l.* 11*s.* 6*d.* on the sum received in the previous year.

Attendance:—Day classes—34 students, who paid 3*s.* 4*d.*, 5*s.*, and 7*s.* per month. Evening classes—47 students, who paid 1*s.* 6*d.* and 2*s.* per month, and 2*s.* entrance fee.

The income of the school during the year was 97*l.* 19*s.* 6*d.*

The school received 3 third grade prizes of books, &c. for works sent up for inspection, and 1 second grade prize at the annual local examination.

Thirty-three students sent 119 works to the annual examination at South Kensington.

The local examination was attended by 28 students of the school, of whom 10 were successful.

The total amount of aid afforded to the school by the Department during 1875 has been 26*l.* 14*s.*

IPSWICH.—(Population in 1871—43,136.)

Established in 1859. Situate at Northgate Street.

The committee of management consists of 15 members. The officers are:—The Rev. Dr. Holden, Chairman; J. Dixon Piper, Secretary; and W. T. Griffiths, Head-Master (3 certificates).

The number of students under instruction during the year has been 338, showing a decrease of 34 since last year. This total includes 218 students who attended the School of Art, and 120 pupils of private schools.

The fees received from these students amounted to 133*l.* 14*s.*, showing an increase of 18*l.* 17*s.* on the sum received in the previous year.

Attendance at the School of Art:—Day classes—61 students, who paid 10*s.* 6*d.* and 6*s.* 6*d.* per month, and 5*s.* and 3*s.* entrance fee. Evening classes—157 students, who paid 3*s.*, 2*s.*, and 1*s.* per month, and 2*s.* 6*d.*, 2*s.*, and 1*s.* entrance fee.

The income of the school during the year was 217*l.* 14*s.*

The school received 7 third grade prizes of books, &c. for works sent up for inspection, and 8 second grade prizes at the annual local examination.

One hundred and seventy-eight students sent 878 works to the annual examination at South Kensington.

The local examination was attended by 136 students of the school, of whom 37 were successful.

The school has expended from its own funds 5*l.* on account of examples, &c. for Art instruction.

The total amount of aid afforded to the school by the Department during 1875 has been 90*l.* 17*s.* 3*d.*

KEIGHLEY.—(Population in 1871—25,000.)

Established in 1871. Situate at North Street.

The committee of management consists of 14 members. The officers are:—J. Wright, Chairman; Thomas Carrodus, Secretary; and William Rawson, Head-Master (3 certificates).

The number of students under instruction during the year has been 270 showing an increase of 24 since last year. This total includes 163 students who attended the School of Art, and 107 pupils of private schools.

The fees received from these students amounted to 140*l.* 12*s.* 6*d.*, showing an increase of 30*l.* on the sum received in the previous year.

Attendance at the School of Art:—Day classes—17 students, who paid 5*s.* and 7*s.* per month. Evening classes—146 students, who paid 5*s.* per quarter.

The income of the school during the year was 257*l.* 10*s.* 6*d.*

The school received 18 third grade prizes of books, &c. for works sent up for inspection, and 13 second grade prizes at the annual local examination.

Two students obtained local free studentships. 125 students sent 681 works to the annual examination at South Kensington.

The local examination was attended by 68 students of the school of whom 39 students were successful.

An exhibition of the students' works took place in October, and was attended by 4,000 visitors.

The school has expended from its own funds 4*l.* 8*s.* 3*d.* on account of examples, &c. for Art instruction.

The total amount of aid afforded to the school by the Department during 1875 has been 185*l.* 5*s.* 6*d.*, including a prize of 10*l.* to the head-master.

The Council offer local prizes to the value of 25*l.* yearly, to be given to students in money or books, as preferred.

Appendix C.

SCHOOLS OF ART.

KENDAL.—(Population in 1871—13,442.)

Established in 1870. Situate at New Road.

The committee of management consists of 38 members. The officers are:—John Whitwell, M.P., Chairman; Henry Thompson, Secretary; and George Turner, Head-Master (2 certificates).

The number of students under instruction during the year has been 85, showing a decrease of 28 since last year.

The fees received from these students amounted to 89*l.* 6*s.* 6*d.*, showing a decrease of 32*l.* 10*s.* from the sum received in the previous year.

Attendance:—Day classes—10 students, who paid 2*l.* 10*s.*, 2*l.*, and 1*l.* 10*s.* per session, and 10*s.* and 5*s.* entrance fee. Evening classes—34 students, who paid 10*s.* and 1*l.* per session.

The income of the school during the year was 138*l.* 10*s.* 6*d.*

The school received 6 third grade prizes of books, &c. for works sent up for inspection, and 1 second grade prizes at the annual local examination.

Thirty-eight students sent 289 works to the annual examination at South Kensington.

The local examination was attended by 30 students of the school, of whom 7 were successful.

The total amount of aid afforded to the school by the Department during 1875 has been 60*l.* 7*s.* 8*d.*, including a prize of 10*l.* to the head-master.

A medal and local prizes are given annually.

KIDDERMINSTER.—(Population in 1871—20,803.)

Established in 1862. Situate at Commercial Buildings, Vicar Street.

The committee of management consists of 17 members. The officers are:—John Brinton, Chairman; James J. Harvey, Secretary; and William Tucker, Head-Master (3 certificates).

The number of students under instruction during the year has been 174, showing an increase of 21 since last year. This total includes 134 students who attended the School of Art, and 40 pupils of private schools.

The fees received from these students amounted to 181*l.* 3*s.*, showing an increase of 26*l.* 9*s.* 9*d.* on the sum received in the previous year.

Attendance at the School of Art:—Day classes—24 students, who paid 7*s.* per month. Evening classes—110 students who paid 1*s.* 10*d.* per month.

The income of the school during the year was 448*l.* 14*s.*

The school received 1 gold medal, 1 silver medal, 2 bronze medals, and 2 Queen's prizes of books in the national competition; 27 third grade prizes of books, &c. for works sent up for inspection, and 7 second grade prizes at the annual local examination.

One student obtained National Art scholarship, and 9 obtained local free studentships. 112 students sent 768 works to the annual examination at South Kensington.

The local examination was attended by 66 students of the school, of whom 29 were successful.

An exhibition of the students' works took place in February, and was attended by numerous visitors.

The school has expended from its own funds 11*l.* 11*s.* 4*d.* on account of examples, &c., for Art instruction.

The total amount of aid afforded to the school by the Department during 1875 has been 269*l.* 2*s.* 4*d.*, including a prize of 50*l.* to the head-master.

Prizes are given by the chairman and others.

### Kilmarnock.—(Population in 1871—21,073.)

Established in 1867. Situate at No. 77, King Street.

The committee of management consists of 35 members. The officers are:—John Dickie, Chairman; William Railton, Secretary; and Francis M. Black, Head-Master (1 certificate).

The number under instruction during the year has been 137, showing an increase of 2 since last year.

The fees received from these students amounted to 114*l.* 6*s.* 6*d.*, showing an increase of 18*s.* on the sum received in the previous year.

Attendance:—Day classes—56 students, who paid 6*s.* 6*d.*, 8*s.* 6*d.*, and 10*s.* 6*d.* per quarter. Evening classes—81 students, who paid 4*s.* and 6*s.* per quarter.

The income of the school during the year was 222*l.* 13*s.* 6*d.*

The school received 17 third grade prizes of books, &c., for works sent up for inspection, and 10 second grade prizes at the annual local examination.

One student obtained a certificate of the third grade, and 1 obtained a local free studentship. 74 students sent 495 works to the annual examination at South Kensington.

The local examination was attended by 52 students of the school, of whom 28 were successful.

The total amount of aid afforded to the school by the Department during 1875 has been 118*l.* 1*s.* 8*d.*

An exhibition of the students' works took place in Corn Exchange Hall, and was attended by numerous visitors.

### Lancaster.—(Population in 1871—17,248.)

Established in 1856. Situate at Market Street.

The committee of management consists of 27 members. The officers are:—Henry Gregson, Chairman; Wm. Storey, Secretary; and Herbert Gilbert, Head-Master (2 certificates).

The number of students under instruction during the year has been 276, showing an increase of 7 since last year. This total includes 204 students who attended the School of Art, 22 pupils of private schools, and 50 students of Ripley's Hospital.

The fees received from these students amounted to 241*l.* 18*s.* 11*d.*, showing an increase of 66*l.* 8*s.* 5*d.* on the sum received in the previous year.

Attendance at the School of Art:—Day classes—111 students, who paid 10*s.* and 21*s.* per term. Evening classes—115 students, who paid 6*d.*, 1*s.*, 2*s.*, and 4*s.* per month.

The income of the school during the year was 324*l.* 13*s.* 11*d.*

The school received 1 Queen's prize of books in the national competition, 16 third grade prizes of books, &c., for works sent up for inspection, and 8 second grade prizes at the annual local examination.

One hundred and seventy students sent 1,226 works to the annual examination at South Kensington.

Appendix C. Schools of Art.

The local examination was attended by 170 students of the school, of whom 42 were successful.

An exhibition of the students' works and distribution of the prizes took place in December, and was attended by many visitors.

The total amount of aid afforded to the school by the Department during 1875 has been 130*l.* 14*s.* 8*d.*, including a prize of 10*l.* to the head-master.

A local prize list is offered annually.

### Leamington.—(Population in 1871—21,000.)

Established in 1870. Situate at 35, Lansdowne Place.

The committee of management consists of 8 members. The officers are:—T. A. Carter, Chairman; Frederic Thorne, Secretary; and William Sturgeon, Head-Master (4 certificates).

The number of students under instruction during the year has been 183, showing a decrease of 30 since last year.

The fees received from these students amounted to 187*l.* 10*s.* 9*d.*, showing a decrease of 37*l.* 0*s.* 6*d.* from the sum received in the previous year.

Attendance:—Day classes—104 students, who paid 1*l.* 3*s.*, 16*s.*, 12*s.*, 10*s.*, and 6*s.* per term; and 5*s.*, 3*s.*, and 2*s.* 6*d.* entrance fee. Evening classes—79 students, who paid 6*s.* per term.

The income of the School during the year was 270*l.* 5*s.* 9*d.*

The school received 6 third grade prizes of books, &c. for works sent up for inspection; and 7 second grade prizes at the annual local examination.

One student obtained a local free studentship. 94 students sent 764 works to the annual examination at South Kensington.

The local examination was attended by 86 students of the school, of whom 25 were successful.

The school has expended from its own funds 4*l.* 10*s.* on account of examples, &c. for Art instruction.

The total amount of aid afforded to the school by the Department during 1875 has been 109*l.* 9*s.* 3*d.*

### Leeds.—(Population in 1871—259,201.)

Established in 1847. Situate at Mechanics' Institute.

The committee of management consists of 24 members. The officers are:—Thomas Dawson, Chairman; Jon. Ogden Dayson, Secretary; and Andrew Stevenson, Head-Master (2 certificates), John Swire, Assistant-Master (1 certificate).

The number of students under instruction during the year has been 631, showing an increase of 18 since last year.

The fees received from these students amounted to 336*l.* 17*s.*, showing an increase of 22*l.* 11*s.* 3*d.* on the sum received in the previous year.

Attendance:—Day classes—371 students, who paid from 5*s.* to 1*l.* 5*s.* per quarter. Evening classes—260 students, who paid 4*s.* to 10*s.* per quarter.

The income of the school during the year was 650*l.* 6*s.*

The school received 1 Queen's prize of books in the national competition; 30 third grade prizes of books, &c. for works sent up for inspection, and 8 second grade prizes at the annual local examination.

One student obtained a certificate of the third grade, and 3 obtained local free studentships. 393 students sent 1,694 works to the annual examination at South Kensington.

The local examination was attended by 197 students of the school, of whom 58 were successful.

An exhibition of the students' works took place in October, and was attended by about 2,000 visitors.

The total amount of aid afforded to the school by the Department during 1875 has been 302*l.* 13*s.* 8*d.*, including a prize of 20*l.* to the head-master.

Prizes in books and money to the amount of 32*l.* are given by the Committee.

LEICESTER.—(Population in 1871—95,084.)

Established in 1869. Situate at Pocklington's Walk.

The committee of management consists of 18 members. The officers are:—Albert Pell, Esq., M.P., Chairman; Samuel Barfield, Secretary; and Wilmot Pilsbury, Head-Master (5 certificates).

The number of students under instruction during the year has been 251, showing an increase of 5 since last year.

The fees received from these students amounted to 209*l.* 1*s.* 11*d.*, showing an increase of 8*l.* 1*s.* 3½*d.* on the sum received in the previous year.

Attendance:—Day classes—120 students, who paid 6*s.* and 4*s.* 3*d.* per month, and 3*s.* 6*d.* entrance fee. Evening classes—131 students, who paid 1*s.* 8*d.*, 2*s.* 6*d.*, and 3*s.* per month, and 2*s.* entrance fee.

The income of the school during the year was 466*l.* 5*s.* 11*d.*

The school received 1 bronze medal; 1 Queen's prize of books in the national competition; 18 third grade prizes of books, &c. for works sent up for inspection; and 16 second grade prizes at the annual local examination.

Five students obtained local free studentships. 168 students sent 876 works to the annual examination at South Kensington.

The local examination was attended by 56 students of the school, of whom 36 were successful.

An exhibition of the students' works took place in December, and was attended by 1,299 visitors.

The school has expended from its own funds 3*l.* 11*s.* 2*d.* on account of examples, &c. for Art instruction.

The total amount of aid afforded to the school by the Department during 1875 has been 182*l.* 13*s.* 9*d.*, including a prize of 10*l.* to the head-master.

LEWES.—(Population in 1871—10,735.)

Established in 1868. Situate at Albion Street.

The committee of management consists of 24 members. The officers are:—Burwood Godlee, J. P., Chairman; Rev. P. de Putron, Secretary; and T. W. H. Robinson, Head-Master (2 certificates).

The number of students under instruction during the year has been 83, showing an increase of 9 since last year.

The fees received from these students amounted to 123*l.* 2*s.*, showing an increase of 18*l.* 5*s.* 3*d.* on the sum received in the previous year.

Attendance:—Day classes—58 students, who paid 10*s.*, 15*s.*, and 25*s.* per session. Evening classes—25 students, who paid 2*s.* and 3*s.* per month, and 1*s.* entrance fee.

Appendix C. — Schools of Art.

The income of the school during the year was 160*l.* 5*s.*

The school received 14 third grade prizes of books, &c. for works sent up for inspection; and 6 second grade prizes at the annual local examination.

Sixty-five students sent 737 works to the annual examination at South Kensington.

The local examination was attended by 30 students of the school, of whom 24 were successful.

The school has expended from its own funds 2*l.* 2*s.* 6*d.* on account of examples, &c. for Art instruction.

The total amount of aid afforded to the school by the Department during 1875 has been 453*l.* 4*s.* 10*d.*, including a prize of 10*l.* to the head-master, and a building grant of 364*l.*

### Limerick.—(Population in 1871—39,828.)

Established in 1852. Situate at Cecil Street.

The committee of management consists of 11 members. The officers are:—W. Spillane, J.P., Chairman; J. Connihan, T.C., Secretary; and N. A. Brophy, Head-Master (3 certificates).

The number of students under instruction during the year has been 140, showing an increase of 10 since last year.

The fees received from these students amounted to 151*l.* 16*s.*, showing an increase of 12*l.* 14*s.* 6*d.* on the sum received in the previous year.

Attendance:—Day classes—32 students, who paid 8*s.* and 10*s.* per month. Evening classes—108 students, who paid 4*s.*, 2*s.*, 1*s.*, and 6*d.* per month, and 2*s.* 6*d.* and 1*s.* entrance fee.

The income of the school during the year was 219*l.* 14*s.*

The school received 9 third grade prizes of books, &c. for works sent up for inspection, and 5 second grade prizes at the annual local examination.

Ninety-seven students sent 555 works to the annual examination at South Kensington.

The local examination was attended by 37 students of the school, of whom 16 were successful.

The school has expended from its own funds 15*s.* on account of examples, &c. for Art instruction.

The total amonnt of aid afforded to the school by the Department during 1875 has been 77*l.* 9*s.* 9*d.*

### Lincoln.—(Population in 1871—26,762.)

Established in 1863. Situate at Silver Street.

The committee of management consists of 18 members. The officers are:—The Right Worshipful the Mayor of Lincoln, Chairman; the Rev. J. Mansell, Secretary; and Edward R. Taylor, Head-Master (4 certificates).

The number of students under instruction during the year has been 286, showing a decrease of 18 since last year. This total includes 243 students who attended the School of Art, 40 students of Training College, at Lincoln, and 3 pupils of private schools.

The fees received from these School of Art students amounted to 311*l.* 19*s.* 8*d.*, showing an increase of 83*l.* 14*s.* 2*d.* on the sum received in the previous year.

Attendance at the School of Art:—Day classes—57 students, who paid 1*l.* to 2*l.* 2*s.* per session, and 4*s.* and 6*s.* entrance fee. Evening classes—

186 students, who paid 3*s.* 9*d.*, 9*s.* 6*d.*, and 16*s.* per session, and 4*s.* entrance fee.

The income of the school during the year was 612*l.* 15*s.* 10*d.*

The school received 1 gold medal, 1 silver medal, 3 bronze medals, and 6 Queen's prizes of books in the national competition, 25 third grade prizes of books, &c. for works sent up for inspection, and 19 second grade prizes at the annual local examination.

Three students obtained local free studentships. 233 students sent 2,257 works to the annual examination at South Kensington.

The local examination was attended by 131 students of the school, of whom 71 were successful.

An exhibition of the students' works took place in December, and was attended by about 900 visitors.

The school has expended from its own funds 18*l.* 9*s.* 2*d.* on account of examples, &c. for Art instruction.

The total amount of aid afforded to the school by the Department during 1875 has been 305*l.* 8*s.* 3*d.*, including a prize of 40*l.* to the head-master.

LIVERPOOL.—(Population in 1871—493,346.)

(North District School.)

Established in 1855. Situate at Shaw Street, Everton.

The committee of management consists of 8 members. The officers are:—Rev. George Butler, Chairman; J. G. Jones, Secretary; W. J. Bishop, Head-Master; and S. Burkinshaw, Assistant-Master (3 certificates).

The number of students under instruction during the year has been 729, showing a decrease of 32 since last year. This total includes 472 students who attended the School of Art, 108 students of branch classes at St. Augustine's School, and 149 pupils of private schools.

The fees received from these students amounted to 438*l.* 0*s.* 5*d.*, showing an increase of 27*l.* 0*s.* 5*d.* on the sum received in the previous year.

Attendance at the School of Art:—Day classes—369 students, who paid various sums per month. Evening classes—103 students, who paid 12*s.* per half-year.

The income of the school during the year was 507*l.* 9*s.* 5*d.*

The school received 1 Queen's prize of books in the national competition; 3 third grade prizes of books, &c. for works sent up for inspection, and 3 second grade prizes at the annual local examination.

Sixty-eight students sent 665 works to the annual examination at South Kensington.

The local examination was attended by 163 students of the school, of whom 17 were successful.

An exhibition of the students' works took place in December, and was attended by 987 visitors.

The school has expended from its own funds 2*l.* 12*s.* 6*d.* on account of examples, &c. for Art instruction.

The total amount of aid afforded to the school by the Department during 1875 has been 85*l.* 6*s.* 10*d.*, including a prize of 10*l.* to the head-master.

Four prizes were given by the College.

Appendix C.

Schools of Art.

LIVERPOOL.—(Population in 1871—493,346).

South District School.

Established in 1855. Situate at Mount Street.

The committee of management consists of 7 members. The officers are:—Philip H. Holt, Chairman; Charles Sharp, Secretary; and John Finnie, Head-Master (3 certificates).

The number of students under instruction during the year has been 743, showing an increase of 31 since last year. This total includes 384 students who attended the School of Art, and 359 pupils of private schools.

The fees received from these students amounted to 467*l.* 8*s.* 8*d.*, showing an increase of 64*l.* 13*s.* 4*d.* on the sum received in the previous year.

Attendance at the School of Art:—Day classes—100 students, who paid 1*l.* 1*s.* and 2*l.* 2*s.* per quarter. Evening classes—284 students, who paid 6*s.* 6*d.* and 3*s.* 3*d.* per quarter.

The income of the school during the year was 618*l.* 6*s.* 8*d.*

The school received 24 third grade prizes of books, &c. for works sent up for inspection, and 21 second grade prizes at the annual local examination.

Two hundred and sixty-one students sent 1,198 works to the annual examination at South Kensington.

The local examination was attended by 204 students of the school, of whom 89 were successful.

The school has expended from its own funds 8*l.* 4*s.* on account of examples, &c. for Art instruction.

The total amount of aid afforded to the school by the Department during 1875 has been 192*l.* 4*s.* 6*d.*, including a prize of 10*l.* to the head-master.

LONDONDERRY (Population in 1871—25,242.)

Established in 1875. Situate at 1, Clarendon Street.

The committee of management consists of 25 members. The officers are:—The mayor (Dr. William Miller), Chairman; Dr. Isaac Ashe, Secretary; and Joseph P. Addey, Head-Master (2 certificates).

The number of students under instruction during the year has been 41.

The fees received from these students amounted to 32*l.* 5*s.* 6*d.*

Attendance:—Day classes—32 students, who paid 1*l.* 5*s.* per session. Evening classes—9 students, who paid 6*s.* 6*d.* (elementary), and 10*s.* 6*d.* (advanced) per session.

The income of the school during the year was 212*l.* 0*s.* 6*d.*

The school has expended from its own funds 13*l.* 2*s.* 2*d.* on account of examples, &c. for Art instruction.

The total amount of aid afforded to the school by the Department during 1875 has been 24*l.* 7*s.* 7*d.*

MACCLESFIELD.—(Population in 1871—35,571.)

Established in 1851. Situate at Park Green.

The committee of management consists of 33 members. The officers are:—The Mayor, Chairman; J. O. Nicholson, Hon. Secretary; and James Ford, Head-Master (5 certificates).

The number of students under instruction during the year has been 178, showing an increase of 18 since last year. This total includes 135 students who attended the School of Art, and 43 pupils of private schools.

The fees received from these students amounted to 114*l.* 6*s.* 2*d.*, showing an increase of 7*l.* 16*s.* on the sum received in the previous year.

Attendance at the School of Art:—Day classes—14 students, who paid 4*s.* per month. Evening classes—121 students, who paid 1*s.* 6*d.* and 4*d.* per month.

The income of the school during the year was 230*l.* 19*s.* 8*d.*

The school received 2 bronze medals in the national competition; 1 Queen's prize of books in the national competition; 19 third grade prizes of books, &c. for works sent up for inspection; and 4 second grade prizes at the annual local examination.

Three students obtained local free studentships. 49 students sent 189 works to the annual examination at South Kensington.

The local examination was attended by 72 students of the school, of whom 26 were successful.

An exhibition of the students' works took place in April, and was attended by 1,000 visitors.

The school has expended from its own funds 6*l.* 13*s.* 6*d.* on account of examples, &c. for Art instruction.

The total amount of aid afforded to the school by the Department during 1875 has been 107*l.* 10*s.* 11*d.*, including a prize of 10*l.* to the head-master.

MANCHESTER.—(Population in 1871—383,843.)

Royal Institution School.

Established in 1842. Situate at Bond Street.

The committee of management consists of 24 members. The officers are:—Fred. W. Grafton, Chairman; Edwin W. Marshall, Secretary; William J. Muckley, Head-Master (4 certificates), and Thomas Mahir, Assistant-Master (1 certificate).

The number of students under instruction during the year has been 473, showing an increase of 2 since last year.

The fees received from these students amounted to 1,146*l.* 14*s.* 9*d.*, showing an increase of 122*l.* 8*s.* 9*d.* on the sum received in the previous year.

Attendance:—Day classes—185 students, who paid 8*s.* to 2*l.* 12*s.* 6*d.* per session of 10 weeks, and 2*s.* 6*d.* to 10*s.* 6*d.* entrance fee. Evening classes—288 students, who paid 5*s.* to 1*l.* 5*s.* per session of 10 weeks, and 2*s.* to 5*s.* entrance fee.

The income of the school during the year was 1,722*l.* 18*s.* 9*d.*

The school received 2 silver medals, 5 bronze medals, and 1 Queen's prizes of books in the national competition; 31 third grade prizes of books, &c. for works sent up for inspection; and 37 second grade prizes at the annual local examination.

Four hundred and thirteen students sent 2,182 works to the annual examination at South Kensington.

The local examination was attended by 183 students of the school, of whom 113 were successful.

An exhibition of the students' works took place in December, and was attended by many visitors.

The school has expended from its own funds 13*l.* 8*s.* on account of examples, &c. for Art instruction.

The total amount of aid afforded to the school by the Department during 1875 has been 318*l.* 8*s.* 3*d.*, including a prize of 30*l.* to the head-master.

There are various local prizes.

Appendix C.

SCHOOLS OF ART.

MANCHESTER.—(Population in 1871—383,843.)

Grammar School.

Established in 1869. Situate at Long Millgate.

The committee of management consists of 30 members. The officers are:—Richard Johnson, Chairman; Samuel H. Hodson, Secretary; Z. Pritchard, Head-Master (4 certificates); Robert Harris (1 certificate), and A. W. F. Langman (1 certificate) Assistant-Masters.

The number of students under instruction during the year has been 651, showing an increase of 56 since last year.

The fees received from these students amounted to 548*l.* 10*s.* 6*d.*

Attendance:—Day classes—542 students, who paid 7*s.*, 1*l.* 11*s.* 6*d.*, and 3*l.* 3*s.*, per term of 13 weeks. Evening classes—109 students, who paid 4*s.* and 6*s.* per term of 13 weeks, and 2*s.* 6*d.* entrance fee.

The income of the school during the year was 737*l.* 15*s.* 6*d.*

The school received 37 third grade prizes of books, &c. for works sent up for inspection, and 35 second grade prizes at the annual local examination.

One student obtained a certificate of the third grade, and 2 obtained local free studentships. 330 students sent 1,152 works to the annual examination at South Kensington.

The local examination was attended by 470 students of the school, of whom 184 were successful.

An exhibition of the students' works took place in April, and was attended by many visitors.

The school has expended from its own funds 14*l.* 16*s.* 4*d.* on account of examples, &c. for Art instruction.

The total amount of aid afforded to the school by the Department during 1875 has been 305*l.* 17*s.* 5*d.*, including a prize of 20*l.* to the head-master.

METROPOLIS.—(Population in 1871—3,251,804.)

The report of the Registrar on the National Art Training School will be found at p. 406. The following are the District Schools which have been established in London.:—

BLOOMSBURY.

Established in 1842–3. Situate at 43, Queen Square, Bloomsbury.

The committee of management consists of 16 members. The officers are:—John Henderson, Chairman; Leonard Rowe Valpy, Hon. Secretary; Louisa Gann, Head-Mistress (1 certificate); and Helena Wilson (3 certificates), Laura De la Belinaye (1 certificate); Naomi Burrell, and Mary W. Webb (1 certificate), Assistant Mistresses.

The number of students under instruction during the year has been 244, showing an increase of 26 since last year.

The fees received from these students amounted to 1,040*l.* 8*s.* 10*d.*, showing an increase of 158*l.* 4*s.* 6*d.* on the sum received in the previous year.

Attendance:—Day classes—186 students, who paid from 4*s.* to 1*l.* 1*s.* per month, and 10*s.* 6*d.* entrance fee. Evening classes—58 students, who paid from 1*s.* to 4*s.* per month, and 5*s.* entrance fee.

The income of the school during the year was 1,332*l.* 12*s.* 10*d.*

The school received 1 gold medal, 1 silver medal, 5 bronze medals in the national competition; 38 third grade prizes of books, &c. for works sent up for inspection; and 13 second grade prizes at the annual local examination.

Five students obtained certificates of the third grade, and 134 students sent 1,947 works to the annual examination at South Kensington.

The local examination was attended by 85 students of the school, of whom 55 were successful.

An exhibition of the students' works took place in October, and was attended by 1,077 visitors.

The school has expended from its own funds 23*l.* 8*s.* 5*d.* on account of examples, &c. for Art instruction.

The total amount of aid afforded to the school by the Department during 1875 has been 309*l.* 19*s.* 5*d.*, including a prize of 40*l.* to the head-mistress.

The following local prizes are awarded :—The Queen's gold medal, the Queen's scholarship, Gilchrist scholarship, and Gilchrist prizes.

### ISLINGTON.

Established in 1873. Situate at 21, Cross Street.

The committee of management consists of 8 members. The officers are :—The Rev. Daniel Wilson, M.A., Chairman; Walter Hancock, Secretary; and James Dundas, Head-Master (4 certificates).

The number of students under instruction during the year has been 79, showing an increase of 13 since last year.

The fees received from these students amounted to 85*l.* 1*s.* 9*d.* showing an increase of 22*l.* 14*s.* 6*d.* on the sum received in the previous year.

Attendance :—Day classes—13 students, who paid 7*s.* 6*d.* and 10*s.* per month, and 3*s.* entrance fee. Evening classes—66 students, who paid 3*s.* per month, and 2*s.* entrance fee.

The income of the school during the year was 125*l.* 0*s.* 9*d.*

The school received 5 third grade prizes of books, &c. for works sent up for inspection, and 3 second grade prizes at the annual local examination.

Sixty students sent 511 works to the annual examination at South Kensington.

The local examination was attended by 36 students of the school, of whom 13 were successful.

The total amount of aid afforded to the school by the Department during 1875 has been 46*l.* 4*s.*

### LAMBETH.

Established in 1854. Situate at Miller's Lane, Upper Kennington Lane.

The committee of management consists of 12 members. The officers are :—Rev. G. W. Herbert, Chairman; Rev. G. H. W. Bromfield, Secretary; John Sparkes, Head-Master (4 certificates), and Henry J. Dennis, Assistant-Master (2 certificates).

The number of students under instruction during the year has been 353, showing an increase of 13 since last year.

The fees received from these students amounted to 454*l.*, showing an increase of 61*l.* 12*s.* 6*d.* on the sum received in the previous year.

Attendance :—Day classes—80 students, who paid 10*s.* 6*d.* per month. Evening classes—293 students, who paid 5*s.* and 2*s.* 6*d.* per month, and 2*s.* 6*d.* entrance fee.

The income of the school during the year was 724*l.* 10*s.*

The school received 3 silver medals, 2 bronze medals, and 2 Queen's prizes of books in the national competition; 20 third grade prizes of

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books, &c. for works sent up for inspection and 11 second grade prizes at the annual local examination.

One student obtained a certificate of the third grade, and 9 obtained local free studentships. 204 students sent 2,768 works to the annual examination at South Kensington.

The local examination was attended by 98 students of the school, of whom 86 were successful.

The school has expended from its own funds 2*l.* 16*s.* on account of examples, &c. for Art instruction.

The total amount of aid afforded to the school by the Department during 1875 has been 334*l.* 6*s.* 7*d.*, including a prize of 30*l.* to the head-master.

### North London.

Established in 1868. Situate at Sandringham Road, Kingsland.

The committee of management consists of 16 members. The officers are:—John Rüntz, Chairman; Charles C. Paine, Secretary; and Charles Swinstead, Head-Master (2 certificates).

The number of students under instruction during the year has been 267, showing an increase of 28 since last year.

The fees received from these students amounted to 349*l.* 3*s.* 3*d.*, showing an increase of 74*l.* 8*s.* 8*d.* on the sum received in the previous year.

Attendance:—Day classes—122 students, who paid 2*s.* 6*d.* and 1*l.* 1*s.* per quarter, and 2*s.* 6*d.* entrance fee. Evening classes—145 students, who paid 7*s.* 6*d.* and 15*s.* per quarter, and 2*s.* 6*d.* entrance fee.

The income of the school during the year was 515*l.* 9*s.* 3*d.*

The school received 17 third grade prizes of books, &c. for works sent up for inspection, and 25 second grade prizes at the annual local examination.

One hundred and fifty-six students sent 2,251 works to the annual examination at South Kensington.

The local examination was attended by 121 students of the school, of whom 62 were successful.

An exhibition of the students' works took place in October, and was attended by about 700 visitors.

The school has expended from its own funds 1*l.* 14*s.* 11*d.* on account of examples, &c. for Art instruction.

The total amount of aid afforded to the school by the Department during 1875 has been 190*l.* 6*s.* 5*d.*, including a prize of 10*l.* to the head-master.

### St. Martin's.

Established in 1854. Situate at Castle Street, Long Acre.

The committee of management consists of 7 members. The officers are:—Rev. W. G. Humphry, Chairman; Rev. R. G. Maul, Secretary; and John Parker, Head-Master (4 certificates).

The number of students under instruction during the year has been 246, showing an increase of 20 since last year.

The fees received from these students amounted to 177*l.* 6*s.*, showing an increase of 14*l.* 8*s.* 6*d.* on the sum received in the previous year.

Attendance:—Evening classes—246 students who paid 2*s.* 6*d.* and 3*s.* 6*d.* per month, and 2*s.* entrance fee.

The income of the school during the year was 334*l.* 15*s.*

The school received 1 silver medal, and 3 Queen's prizes of books in the national competition; 17 third grade prizes of books, &c. for works sent up for inspection, and 12 second grade prizes at the annual local examination.

Four students obtained local free studentships. 139 students sent 982 works to the annual examination at South Kensington.

The local examination was attended by 65 students of the School, of whom 35 were successful.

An exhibition of the students' works took place in December, and was attended by 500 visitors.

The total amount of aid afforded to the school by the Department during 1875 has been 195*l.* 18*s.* 1*d.*, including a prize of 20*l.* to the head-master.

### St. Thomas, Charterhouse.

Established in 1853. Situate at Goswell Road.

The committee of management consists of 10 members. The officers are:—The Rev. John Rodgers, M.A., Chairman; W. Uridge, Esq., Secretary; S. F. Mills, Head-Master (4 certificates).

The number of students under instruction during the year has been 273, showing an increase of 139 since last year.

The fees received from these students amounted to 93*l.* 2*s.*, showing an increase of 71*l.* 12*s.* 6*d.* on the sum received in the previous year.

Attendance:—Day classes—180 students, who paid 5*s.* per month. Evening classes—93 students, who paid 2*s.* 6*d.* to 3*s.* 6*d.*, per month, and 2*s.* entrance fee.

The income of the school during the year was 243*l.* 19*s.*

The school received 1 silver medal, 2 bronze medals, and 1 Queen's prize of books in the national competition; 12 third grade prizes of books, &c. for works sent up for inspection; and 5 second grade prizes at the annual local examination.

Three students obtained local free studentships. 166 students sent 1,284 works to the annual examination at South Kensington.

The local examination was attended by 166 students of the school, of whom 68 were successful.

An exhibition of the students' works is held in the Bethnal Green branch of South Kensington Museum.

The school has expended from its own funds 3*l.* 11*s.* on account of examples, &c. for Art instruction.

The total amount of aid afforded to the school by the Department during 1875 has been 180*l.* 19*s.* 10*d.*, including a prize of 10*l.* to the head-master.

### City and Spitalfields School of Art.

Established in 1842. Situate at Primrose Street, Bishopsgate.

The committee of management consists of 10 members. The officers are:—O. D. Robinson, Chairman; W. Neave Hill, Secretary; S. F. Mills, Head-Master (4 certificates), and G. W. Harley (1 certificate).

The number of students under instruction during the year has been 203, showing an increase of 28 since last year.

The fees received from these students amounted to 170*l.* 6*s.* 3*d.*, showing an increase of 59*l.* 6*s.* 3*d.* on the sum received in the previous year.

Attendance:—Day classes—20 students, who paid 7*s.* 6*d.* to 10*s.* per

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month, and 3*s.* entrance fee. Evening classes, 183 students, who paid 3*s.* per month, and 2*s.* entrance fee.

The income of the school during the year was 319*l.* 1*s.* 3*d.*

The school received 8 third grade prizes of books, &c. for works sent up for inspection, and 9 second grade prizes at the annual local examination.

Three students obtained local free studentships, and 125 students sent 868 works to the annual examination at South Kensington.

The local examination was attended by 82 students of the school, of whom 49 were successful.

The total amount of aid afforded to the school by the Department during 1875 has been 136*l.* 13*s.* 8*d.*

Extra prizes are annually awarded to the students by the committee.

### Stratford.

Established in 1872. Situate at Maryland Point.

The committee of management consists of 10 members. The officers are:—Sir Antonio Brady, Chairman; William Maydwell, Secretary; Harriet Tucker, Head Mistress (1 certificate).

The number of students under instruction during the year has been 118, showing an increase of 38 since last year.

The fees received from these students amounted to 176*l.* 10*s.*, showing an increase of 26*l.* 10*s.* on the sum received in the previous year.

Attendance:—Day classes—68 students, who paid 10*s.* 6*d.*, 7*s.*, and 5*s.* per month. Evening classes—50 students, who paid 2*s.* 6*d.* or 2*s.* per month.

The income of the school during the year was 227*l.* 5*s.*

The school received 6 third grade prizes of books, &c. for works sent up for inspection, and 4 second grade prizes at the annual local examination.

Thirty-five students sent 607 works to the annual examination at South Kensington.

The local examination was attended by 58 students of the school, of whom 22 were successful.

An exhibition of the students' works took place in October 1874, and was attended by about 140 visitors.

The school has expended from its own funds 1*l.* 10*s.* on account of examples, &c. for Art instruction.

The total amount of aid afforded to the school by the Department during 1875 has been 57*l.* 10*s.* 11*d.*

Local prizes are awarded.

### West London.

Established in 1862. Situate at 204, Great Portland Street, W.

The committee of management consists of 29 members. The officers are:—Peter Graham, Chairman; S. M. Hubert, Secretary; Geo. A. Stewart, Head-Master; and Jno. Randall, Assistant-Master (4 certificates).

The number of students under instruction during the year has been 517, showing an increase of 27 since last year.

The fees received from these students amounted to 605*l.* 1*s.* 5*d.*, showing an increase of 65*l.* 14*s.* 10*d.* on the sum received in the previous year.

Attendance:—Day classes—90 students, who paid 2*l.* per quarter

and 5*s.* entrance fee. Evening classes—427 students, who paid 7*s.* 6*d.*, 10*s.*, 11*s.*, 14*s.*, and 15*s.* per quarter, and 2*s.* entrance fee.

The income of the school during the year was 933*l.* 0*s.* 5*d.*

The school received 1 silver medal, 1 bronze medal, and 1 Queen's prize of books in the national competition; 38 third grade prizes of books, &c. for works sent up for inspection; and 29 second grade prizes at the annual local examination.

One student obtained a certificate of the third grade, and 4 obtained local free studentships. 323 students sent 1,622 works to the annual examination at South Kensington.

The local examination was attended by 120 students of the school, of whom 92 were successful.

An exhibition of the students' works took place in the school, and was attended by 300 visitors.

The school has expended from its own funds 38*l.* 13*s.* 10*d.* on account of examples, &c. for Art instruction.

The total amount of aid afforded to the school by the Department during 1875 has been 333*l.* 2*s.* 3*d.*, including a prize of 20*l.* to the head-master.

Money prizes are given by members of the committee.

### Westminster.

Established in 1863. Situate at Hide Place, Vincent Square.

The committee of management consists of 5 members. The officers are:—Rev. A. G. Warner, Chairman; Rev. S. Bell, Secretary; and A. F. Brophy, Head-Master (2 certificates).

The number of students under instruction during the year has been 93, showing an increase of 19 since last year.

The fees received from these students amounted to 55*l.* 13*s.*, showing an increase of 14*l.* 7*s.* on the sum received in the previous year.

Attendance:—Evening classes—93 students, who paid 2*s.* per month, and 2*s.* entrance fee.

The income of the school during the year was 138*l.* 14*s.*

The school received 2 silver medals, 1 bronze medal in the national competition; 10 third grade prizes of books, &c. for works sent up for inspection; and 5 second grade prizes at the annual local examination.

Three students obtained local free studentships; and 60 students sent 467 works to the annual examination at South Kensington.

The local examination was attended by 31 students of the school, of whom 23 were successful.

An exhibition of the students' works took place in the schoolroom, and was attended by 200 visitors.

The total amount of aid afforded to the school by the Department during 1875 has been 106*l.* 12*s.*, including a prize of 20*l.* to the head-master.

### Middlesbro'.—(Population in 1871—46,621.)

Established in 1873. Situate at Durham Street.

The committee of management consists of 16 members. The officers are:—Edgar Gilkes, Chairman; William Taylor, Secretary; and John Wm. Watson, Head-Master (1 certificate).

The number of students under instruction during the year has been 108, showing an increase of 29 since last year.

The fees received from these students amounted to 52*l.*, showing an increase of 1*l.* 14*s.* on the sum received in the previous year.

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Attendance:—Day classes—6 students, who paid 15*s.* per session. Evening classes—102 students, who paid 5*s.* 6*d.* per quarter, 10*s.* and 5*s.* per year.

The income of the school during the year was 112*l.* 19*s.*

The school received 12 third grade prizes of books, &c. for works sent up for inspection; and 5 second grade prizes at the annual local examination.

Sixty-four students sent 222 works to the annual examination at South Kensington.

The local examination was attended by 50 students of the school, of whom 16 were successful.

An exhibition of the students' works took place in November, and was attended by 200 visitors.

The school has expended from its own funds 5*l.* 5*s.* 8*d.* on account of examples, &c. for Art instruction.

The total amount of aid afforded to the school by the Department during 1875 has been 77*l.* 15*s.* 7*d.*

Local prizes to the amount of 12*l.* were given.

### Monmouth.—(Population in 1871—5,783.)

Established in 1872. Situate at Powell's Court.

The committee of management consists of 12 members. The officers are:—James Davies, Chairman; T. M. Skinner, Secretary; and Thomas Lyons, Head-Master (1 certificate).

The number of students under instruction during the year has been 93, showing an increase of 24 since last year.

The fees received from these students amounted to 59*l.* 16*s.* 9*d.*, showing a decrease of 6*l.* 8*s.* 1*d.* from the sum received in the previous year.

Attendance:—Day classes—17 students, who paid 15*s.* per 10 weeks. Evening classes—76 students, who paid 5*s.*, 7*s.* 6*d.*, and 10*s.* per 10 weeks.

The income of the school during the year was 91*l.* 13*s.* 9*d.*

The school received 2 third grade prizes of books, &c. for works sent up for inspection, and 2 second grade prizes at the annual local examination.

Twenty-seven students sent 72 works to the annual examination at South Kensington.

The local examination was attended by 24 students of the school, of whom 7 were successful.

The Midsummer vacation began 26th day of June, and ended on 9th day of August.

The total amount of aid afforded to the school by the Department during 1875 has been 18*l.* 6*s.* 2*d.*

Several local prizes were offered.

### Newcastle (Staffordshire).—(Population in 1871—15,949.)

Established in 1853. Situate at King Street.

The committee of management consists of 15 members. The officers are:—Joseph Baildon, Chairman; D. B. Hurley, Secretary; and J. P. Bacon, Head-Master (2 certificates).

The number of students under instruction during the year has been 96, showing an increase of 30 since last year. This total includes 84 students who attended the School of Art, and 12 pupils of private schools.

The fees received from these students amounted to 67*l.*, showing an increase of 31*l.* 2*s.* on the sum received in the previous year.

Attendance at the School of Art:—Day classes—13 students, who paid 1*l.* 10*s.* per session. Evening classes—71 students, who paid 2*s.* and 1*s.* 6*d.* per month.

The income of the school during the year was 178*l.* 13*s.* 8*d.*

The school received 8 third grade prizes of books, &c. for works sent up for inspection, and 1 second grade prize at the annual local examination.

Four students obtained local free studentships. 46 students sent 200 works to the annual examination at South Kensington.

The local examination was attended by 27 students of the school, of whom 11 were successful.

The school has expended from its own funds 2*l.* 10*s.* on account of examples, &c. for Art instruction.

The total amount of aid afforded to the school by the Department during 1875 has been 71*l.* 11*s.* 3*d.*

Local prizes are offered by the Committee.

NEWCASTLE-ON-TYNE.—(Population in 1871—130,915.)

Established in 1844. Situate at Library Place, Westgate Street.

The committee of management consists of 10 members. The officers are:—Joseph Watson, Chairman; James Leathart, Secretary; and Wm. C. Way, Head-Master (4 certificates).

The number of students under instruction during the year has been 327, showing a decrease of 34 since last year.

The fees received from these students amounted to 305*l.* 10*s.* 6*d.*, showing an increase of 13*l.* 12*s.* 6*d.* on the sum received in the previous year.

Attendance:—Day classes—108 students, who paid 1*l.* 10*s.*, 1*l.* 1*s.*, and 12*s.* 6*d.* per quarter. Evening classes—223 students, who paid 2*s.* 6*d.* per month.

The income of the school during the year was 547*l.* 16*s.* 6*d.*

The school received 24 third grade prizes of books, &c. for works sent up for inspection, and 8 second grade prizes at the annual local examination.

One student obtained certificates of the third grade, and five obtained local free studentships. 238 students sent 2,030 works to the annual examination at South Kensington.

The local examination was attended by 80 students of the school, of whom 45 were successful.

An exhibition of the students' works took place in October, and was attended by 520 visitors.

The school has expended from its own funds 3*l.* 3*s.* 4*d.* on account of examples, &c. for Art instruction.

The total amount of aid afforded to the school by the Department during 1875 has been 260*l.* 13*s.* 1*d.*, including a prize of 20*l.* to the head-master.

Prizes of money and books are awarded annually by the committee.

NORTHAMPTON.—(Population in 1871—44,871.)

Established in 1871. Situate at Abington Square.

The committee of management consists of 9 members. The officers are:—The Rev. Lord A. Compton, Chairman; J. B. Hensman, Secretary; and Henry Hill, Head-Master (1 certificate).

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The number of students under instruction during the year has been 116, showing a decrease of 31 since last year.

The fees received from these students amounted to 57*l.* 15*s.* 4*d.*, showing a decrease of 42*l.* 1*s.* 8*d.* from the sum received in the previous year.

Attendance:—Day classes—9 students, who paid 3*s.* 6*d.* per month. Evening classes—107 students, who paid 1*s.* 4*d.*, 1*s.* 8*d.*, or 2*s.* 6*d.* per month.

The income of the school during the year was 208*l.* 17*s.* 4*d.*

The school received 17 third grade prizes of books, &c. for works sent up for inspection; and 9 second grade prizes at the annual local examination.

Eighty-six students sent 878 works to the annual examination at South Kensington.

The local examination was attended by 43 students of the school, of whom 23 were successful.

An exhibition of the students' works took place in April, and was attended by 1,052 visitors.

The total amount of aid afforded to the school by the Department during 1875 has been 123*l.* 17*s.* 2*d.*, including a prize of 10*l.* to the head-master.

The sum of 18*l.* 8*s.* for prizes was given by gentlemen connected with the town and its neighbourhood, and a bronze medal by the honorary secretary.

### Norwich.—(Population in 1871—75,000.)

Established in 1846. Situate at St. Andrew's, Broad Street.

The committee of management consists of 11 members. The officers are:—John Barwell, Chairman; Henry G. Barwell, Secretary; and Robert Cochrane, Head-Master (3 certificates).

The number of students under instruction during the year has been 200, showing a decrease of 17 since last year.

The fees received from these students amounted to 159*l.* 1*s.*, showing a decrease of 10*l.* 8*s.* 11*d.* from the sum received in the previous year.

Attendance:—Day classes—57 students, who paid 1*l.* 1*s.* per quarter or 1*l.* 10*s.* per session, and 5*s.* entrance fee. Evening classes—98 students, who paid 7*s.* 6*d.* per session, or 2*s.* per month, and 1*s.* entrance fee; and 45 Saturday class, who paid 2*s.* 6*d.* per session; no entrance fee.

The income of the school during the year was 302*l.* 19*s.* 6*d.*

The school received 14 third grade prizes of books, &c. for works sent up for inspection, and 6 second grade prizes at the annual local examination.

Ninety-three students sent 765 works to the annual examination at South Kensington.

The local examination was attended by 62 students of the school, of whom 39 were successful.

The total amount of aid afforded to the school by the Department during 1875 has been 100*l.* 6*s.* 11*d.*

### Nottingham.—(Population in 1871—86,929.)

Established in 1843. Situate at Waverley Street.

The committee of management consists of 13 members. The officers are:—W. G. Ward, Chairman; Henry A. Goodyer, Secretary; John

S. Rawle, F.S.A., Head-Master (5 certificates), and Richd. S. Cahill, Assistant-Master (1 certificate).

The number of students under instruction during the year has been 645, showing an increase of 48 since last year. This total includes 560 students who attended the School of Art, and 85 pupils of private schools.

The fees received from these students amounted to 546*l.* 5*s.*, showing an increase of 57*l.* 13*s.* 6*d.* on the sum received in the previous year.

Attendance at the School of Art:—Day classes—113 students, who paid 1*l.*, 1*l.* 5*s.*, and 1*l.* 10*s.* per session. Evening classes—461 students, who paid 3*s.* per month, and 6*s.* per session.

The income of the school during the year was 1,073*l.* 15*s.* 11*d.*

The school received 2 gold medals, 4 silver medals, 3 bronze medals, and 5 Queen's prizes of books in the national competition; 43 third grade prizes of books, &c. for works sent up for inspection, and 40 second grade prizes at the annual local examination.

One student obtained a certificate of the third grade in the second group for painting, &c., and 10 obtained local free studentships. 421 students sent 4,892 works to the annual examination at South Kensington.

The local examination was attended by 278 students of the school, of whom 132 were successful.

The total amount of aid afforded to the school by the Department during 1875 has been 504*l.* 3*s.*, including a prize of 40*l.* to the head-master.

The Mayor of Nottingham's silver medal is given annually for the best design for local manufacture; other local prizes are awarded.

### Oxford.—(Population in 1871—34,514.)

Established in 1865. Situate at the University Galleries.

The committee of management consists of 27 members. The officers are:—Very Rev. H. G. Liddell, D.D., Chairman; W. B. Gamlen, M.A., Secretary; Alexander Macdonald, Head-Master (5 certificates), and Benjamin H. Price, Assistant-Master (1 certificate).

The number of students under instruction during the year has been 120, showing an increase of 11 since last year.

The fees received from these students amounted to 51*l.* 6*s.*, showing an increase of 7*l.* 0*s.* 2*d.* on the sum received in the previous year.

Attendance:—Day classes—35 students who paid 5*s.*, 7*s.* 6*d.*, and 10*s.* per term. Evening classes—85 students, who paid 3*s.* and 7*s.* 6*d.* per quarter.

The income of the school during the year was 146*l.* 16*s.*

The school received 6 third grade prizes of books, &c. for works sent up for inspection, and 3 second grade prizes at the annual local examination.

One student obtained a local free studentship. 66 students sent 590 works to the annual examination at South Kensington.

The local examination was attended by 44 students of the school, of whom 11 were successful.

The total amount of aid afforded to the school by the Department during 1875 has been 75*l.* 0*s.* 4*d.*

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SCHOOLS OF ART.

PAISLEY.—(Population in 1871—48,257.)

Established in 1846. Situate at Gilmour Street.

The committee of management consists of 15 members. The officers are:—David Murray, Chairman; David Young, and Francis Martin, Joint Secretaries; and William Stewart, Head-Master.

The number of students under instruction during the year has been 52, showing a decrease of 21 since last year.

The fees received from these students amounted to 52*l.* 6*s.*, showing a decrease of 7*l.* 14*s.* 6*d.* from the sum received in the previous year.

Attendance:—Day classes—21 students, who paid 5*s.* per month. Evening classes—31 students, who paid 2*s.* 6*d.* and 3*s.* per month.

The income of the school during the year was 103*l.* 9*s.*

The school received 7 third grade prizes of books, &c. for works sent up for inspection, and 5 second grade prizes at the annual local examination.

Forty-two students sent 210 works to the annual examination at South Kensington.

The local examination was attended by 30 students, of whom 20 were successful.

The total amount of aid afforded to the school by the Department in 1875 has been 68*l.* 2*s.* 10*d.*, including a prize of 10*l.* to the head-master.

PENZANCE.—(Population in 1871—10,406.)

Established in 1853. Situate at Regent House, Regent Place.

The committee of management consists of 21 members. The officers are:—F. Boase, Chairman; Rd. Quance, Secretary; and H. M. Geoffroi, Head-Master (1 certificate).

The number of students under instruction during the year has been 175, showing a decrease of 8 since last year. This total includes 117 students who attended the School of Art, and 58 pupils of private schools.

The fees received from these students amounted to 198*l.* 12*s.* 9*d.*, showing a decrease of 8*l.* 12*s.* 10*d.* from the sum received in the previous year.

Attendance at the School of Art:—Day classes—27 students, who paid 15*s.* 9*d.* per quarter. Evening classes—90 students, who paid 10*s.* 6*d.* and 3*s.* 6*d.* per quarter.

The income of the school during the year was 311*l.* 14*s.* 9*d.*

The school received 4 third grade prizes of books, &c. for works sent up for inspection, and 4 second grade prizes at the annual local examination.

Seventy-three students sent 1,084 works to the annual examination at South Kensington.

The local examination was attended by 45 students of the school, of whom 20 were successful.

The total amount of aid afforded to the school by the Department during 1875 has been 69*l.* 7*s.* 3*d.*

PERTH.—(Population in 1871—26,377.)

Established in 1863. Situate at Rose Terrace.

The committee of management consists of 19 members. The officers are:—Hugh Barclay, Esq., LL.D., Chairman; John McNeill, Secretary; and Rea I. Stevenson, Head-Master (4 certificates).

The number of students under instruction during the year has been 162, showing an increase of 33 since last year.

The fees received from these students amounted to 204*l.* 0*s.* 9*d.*, showing an increase of 47*l.* 15*s.* 6*d.* on the sum received in the previous year.

Attendance:—Day classes—92 students, who paid 3*s.* 8*d.* and 5*s.* 6*d.* per month. Evening classes—70 students, who paid 2*s.* per month.

The income of the school during the year was 272*l.* 12*s.* 9*d.*

The school received 1 Queen's prize of books in the national competition, 6 third grade prizes of books, &c. for works sent up for inspection, and 6 second grade prizes at the annual local examination.

Sixty-seven students sent 281 works to the annual examination at South Kensington.

The local examination was attended by 49 students of the school, of whom 29 were successful.

An exhibition of the students' works took place in June, and was attended by numerous visitors.

The school has expended from its own funds 9*s.* 11*d.* on account of examples, &c. for Art instruction.

The total amount of aid afforded to the school by the Department during 1875 has been 72*l.* 1*s.* 7*d.*

The Committee annually award a number of book prizes.

### Portsmouth.—(Population in 1871—112,000.)

Established in 1869. Situate at Pembroke Street.

The committee of management consists of 28 members. The officers are:—Rev. E. P. Grant, Chairman; W. Horn, Secretary; and James Carter, Head-Master (4 certificates).

The number of students under instruction during the year has been 200, showing an increase of 5 since last year.

The fees received from these students amounted to 230*l.* 10*s.* 6*d.*, being an increase of 15*l.* 2*s.* on the sum received in the previous year.

Attendance:—Day classes—65 students, who paid 15*s.* and 21*s.* per month, and an entrance fee of 5*s.* or 7*s.* Evening classes—110 students, who paid 2*s.* per month.

The income of the school during the year was 430*l.* 10*s.* 6*d.*

The school received 1 silver medal, and 1 Queen's prize of books in the national competition; 18 third grade prizes of books, &c. for work sent up for inspection, and 13 second grade prizes were awarded at the annual local examination.

One student obtained a local free studentship. 145 students sent 1,011 works to the annual examination at South Kensington.

The local examination was attended by 139 students of the school, of whom 55 were successful.

An exhibition of the students' works took place in April, and was attended by 2,000 visitors.

The total amount of aid afforded to the school by the Department during 1875 has been 187*l.* 18*s.* 9*d.*, including a prize of 10*l.* to the head-master.

### Preston.—(Population in 1871—85,428.)

Established in 1860. Situate at the Institution, Avenham.

The committee of management consists of 23 members. The officers are:—J. J. Myres, Chairman; Charles Croft, Secretary; and Luigi Galli, Head-Master (1 certificate).

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Schools of Art.

The number of students under instruction during the year has been 273, showing an increase of 3 since last year. This includes 190 students who attended the School of Art, and 83 pupils of private schools.

The fees received from these students amounted to 323*l.* 11*s.* 9*d.*, showing an increase of 4*l.* 7*s.* 9*d.* on the sum received in the previous year.

Attendance at the School of Art:—Day classes—80 students, who paid 2*s.*, 4*s.*, and 8*s.* per month. Evening classes—110 students, who paid 1*s.*, 2*s.*, 4*s.*, and 6*s.* per month.

The income of the school during the year was 427*l.* 8*s.* 9*d.*

The school received 1 bronze medal in the national competition; 5 third grade prizes of books, &c. for works sent up for inspection; and 4 second grade prizes at the annual local examination.

Two students obtained certificates of the third grade, and 1 obtained a local free studentship. 138 students sent 1,645 works to the annual examination at South Kensington.

The local examination was attended by 110 students of the school, of whom 19 were successful.

An exhibition of the students' works took place in the Preston Exhibition, and was attended by 2,700 visitors.

The total amount of aid afforded to the school by the Department during 1875 has been 109*l.* 12*s.* 1*d.*

READING.—(Population in 1871—32,313.)

Established in 1860. Situate at Castle Street.

The committee of management consists of 36 members. The officers are:—Rev. A. P. Cust, M.A., Chairman; John Messer, Secretary; and Charles R. Havell, Head-Master (1 certificate).

The number of students under instruction during the year has been 151, showing an increase of 17 since last year.

The fees received from these students amounted to 96*l.* 3*s.*, showing an increase of 22*l.* 16*s.* on the sum received in the previous year.

Attendance:—Day classes—36 students, who paid 6*s.* and 8*s.* 4*d.* per month. Evening classes—115 students, who paid 2*s.* and 4*s.* per month; and 2*s.* entrance fee for monthly tickets.

The income of the school during the year was 191*l.* 2*s.*

The school received 6 third grade prizes of books, &c. for works sent up for inspection, and 11 second grade prizes at the annual local examination.

One student obtained a local free studentship. 72 students sent 423 works to the annual examination at South Kensington.

The local examination was attended by 90 students of the school, of whom 23 were successful.

An exhibition of the students' works took place in November, and was attended by numerous visitors.

The total amount of aid afforded to the school by the Department during 1875 has been 86*l.* 0*s.* 3*d.*

The committee of the school give local prizes.

REDDITCH.—(Population in 1871—6,737.)

Established in 1872. Situate at Bates Hill.

The committee of management consists of members. The officers are:—R. S. Bartleet, Esq., J.P., D.L., Chairman; E. Bartleet, Secretary; and Henry D. Dickinson, Head-Master (1 certificate).

The number of students under instruction during the year has been 52, showing a decrease of 8 since last year.

The fees received from these students amounted to 42*l.* 14*s.* 3*d.*, showing an increase of 8*l.* 11*s.* 3*d.* on the sum received in the previous year.

Attendance:—Day classes—23 students, who paid 10*s.* per session. Evening classes—29 students, who paid 2*s.* 6*d.* and 4*s.* per session.

The income of the school during the year was 90*l.* 0*s.* 3*d.*

The school received 3 third grade prizes of books, &c. for works sent up for inspection.

Twenty-seven students sent 349 works to the annual examination at South Kensington.

The local examination was attended by 16 students of the school, of whom 9 were successful.

An exhibition of the students' works took place in December, and was attended by more than 1,000 visitors.

The total amount of aid afforded to the school by the Department during 1875 has been 28*l.* 17*s.*

A number of local prizes were offered.

ROTHERHAM.—(Population in 1871—25,079.)

Established in 1874. Situate at Howard Street.

The committee of management consists of 13 members. The officers are:—George Wright, Chairman; Gervase B. Willis, Secretary; and George A. Illston, Head-Master (1 certificate).

The number of students under instruction during the year has been 58.

The fees received from these students amounted to 28*l.* 6*s.*

Attendance:—Evening classes—58 students, who paid 7*s.* per session.

The income of the school during the year was 58*l.* 5*s.*

The school received 1 Queen's prize of books in the national competition; 6 third grade prizes of books, &c. for works sent up for inspection; and 3 second grade prizes at the annual local examination.

Forty-six students sent 232 works to the annual examination at South Kensington.

The local examination was attended by 25 students of the school, of whom 15 were successful.

An exhibition of the students' works took place in the school, and was attended by a large number of visitors.

The school has expended from its own funds 4*l.* 12*s.* 1*d.* on account of examples, &c. for Art instruction.

The total amount of aid afforded to the school by the Department during 1875 has been 62*l.* 12*s.* 10*d.*, including a prize of 10*l.* to the head-master.

The committee and others give local money prizes.

RYDE.—(Population in 1871—12,576.)

Established in 1871. Situate at George Street.

The committee of management consists of 11 members. The officers are:—Benjamin Barrow, J.P., Chairman; Richard Jas. Jones, M.R.I.B.A., Secretary; and T. Charbonnier, Head-Master (2 certificates).

The number of students under instruction during the year has been 145, showing an increase of 44 since last year.

Appendix C.
Schools of Art.

The fees received from these students amounted to 186*l.* 10*s.* 6*d.* showing an increase of 60*l.* 5*s.* 6*d.* on the sum received in the previous year.

Attendance:—Day classes—62 students, who paid 1*l.* 1*s.* per quarter. Evening classes—83 students, who paid 2*s.* per month.

The income of the school during the year was 289*l.* 4*s.* 6*d.*

The school received 9 third grade prizes of books, &c. for works sent up for inspection, and 4 second grade prizes at the annual local examination.

Forty-seven students sent 337 works to the annual examination at South Kensington.

The local examination was attended by 25 students of the school, of whom 12 were successful.

An exhibition of the students' works took place in the Town Hall, and was attended by 11,832 visitors.

The school has expended from its own funds 17*l.* 3*s.* 6*d.* on account of examples, &c. for Art instruction.

The total amount of aid afforded to the school by the Department during 1875 has been 583*l.* 19*s.* 1*d.*, which includes a building grant of 500*l.*

The committee expended 10*l.* in local prizes.

### Salisbury.—(Population in 1871—12,711.)

Established in 1865. Situate at New Street.

The committee of management consists of 15 members. The officers are:—The Very Rev. H. P. Hamilton, Chairman; William Jonas Wilton, Secretary; and Joseph Harris, Head-Master (1 certificate).

The number of students under instruction during the year has been 163, showing an increase of 3 since last year. This totals includes 112 students who attended the School of Art, and 51 pupils of private schools.

The fees received from these students amounted to 189*l.* 11*s.*, showing an increase of 24*l.* 3*s.* 6*d.* on the sum received in the previous year.

Attendance at the School of Art:—Day classes—25 students, who paid 10*s.* per month, or 63*s.* per year. Evening classes—87 students, who paid 1*s.* 3*d.*, 2*s.* 6*d.*, and 3*s.* 6*d.* per month, and 1*s.* and 2*s.* entrance fee.

The income of the school during the year was 363*l.* 16*s.*

The school received 1 bronze medal, 1 Queen's prize of books in the national competition; 17 third grade prizes of books, &c. for works sent up for inspection; and 15 second grade prizes at the annual local examination.

Three students obtained local free studentships. 109 students sent 1,591 works to the annual examination at South Kensington.

The local examination was attended by 87 students of the school, of whom 54 were successful.

An exhibition of the students' works took place in November 1874, and was attended by many visitors.

The school has expended from its own funds 4*l.* 15*s.* 11*d.* on account of examples, &c. for Art instruction.

The total amount of aid afforded to the school by the Department during 1875 has been 205*l.* 0*s.* 8*d.*, including a prize of 30*l.* to the head-master.

Local prizes amounting to 46*l.* 17*s.* have been awarded.

SALTAIRE.—(Population in 1871—5,000.)

Established in 1870. Situate at The Club and Institute.

The committee of management consists of 20 members. The officers are:—Titus Salt, Chairman; William Fry, Secretary; and Robert Clough, Head-Master (1 certificate).

The number of students under instruction during the year has been 73, showing a decrease of 21 since last year.

The fees received from these students amounted to 27*l.* 8*s.* 4*d.*, showing an increase of 1*l.* 6*s.* 4*d.* over the sum received in the previous year.

Attendance:—Day classes—14 students, who paid 2*s.* 6*d.*, 14*s.*, and 1*l.* 1*s.* per session. Evening classes—59 students, who paid 4*d.* and 8*d.* per month.

The income of the school during the year was 136*l.* 9*s.* 10*d.*

The school received 10 third grade prizes of books, &c. for works sent up for inspection, and 3 second grade prizes at the annual local examination.

Sixty-eight students sent 560 works to the annual examination at South Kensington.

The local examination was attended by 45 students of the school, of whom 12 were successful.

An exhibition of the students' works took place in September, and was attended by about 1,000 visitors.

The school has expended from its own funds 7*l.* 0*s.* 1*d.* on account of examples, &c. for Art instruction.

The total amount of aid afforded to the school by the Department during 1875 has been 104*l.* 12*s.* 7*d.*, including a prize of 20*l.* to the head-master.

SELBY.—(Population in 1871—6,176.)

Established in 1872. Situate at the Mechanics' Institute.

The committee of management consists of 25 members. The officers are:—Wm. Staniland, C.E., Chairman; John T. Atkinson, Secretary; and John Windass, Head-Master (1 certificate).

The number of students under instruction during the year has been 64, showing an increase of 2 since last year.

The fees received from these students amounted to 75*l.* 11*s.* 3*d.*, showing an increase of 5*l.* 10*s.* on the sum received in the previous year.

Attendance:—Day classes—29 students, who paid 1*l.* 5*s.*, 1*l.*, and 12*s.* 6*d.* per session. Evening classes—35 students, who paid 7*s.* 6*d.* per session.

The income of the school during the year was 146*l.* 15*s.* 9*d.*

The school received 6 third grade prizes of books, &c. for works sent up for inspection, and 2 second grade prizes at the annual local examination.

One student obtained a local free studentship. Forty-nine students sent 431 works to the annual examination at South Kensington.

The local examination was attended by 37 students of the school, of whom 11 were successful.

An exhibition of the students' works took place in September 1874, and was attended by 400 visitors.

Appendix C. Schools of Art.

The school has expended from its own funds 18*s.* 10*d.* on account of examples, &c. for Art instruction.

The total amount of aid afforded to the school by the Department during 1875 has been 58*l.* 15*s.* 10*d.*

Several prizes of money are offered by the committee.

### Sheffield.—(Population in 1871—239,947.)

Established in 1843. Situate at Arundel Street.

The Council consists of 15 members. The officers are:—John Hobson, Chairman, Arthur Wightman, Hon. Secretary; H. W. Brierley, Assistant Secretary; and William Cox, Head-Master (1 certificate), and R. Lunn, Assistant-Master.

The number of students under instruction during the year has been 361, showing an increase of 69 since last year. This total includes 343 students who attended the School of Art, and 18 students of a branch class at Attercliffe.

The fees received from these students amounted to 383*l.* 13*s.* 3*d.*, showing an increase of 66*l.* 7*s.* 9*d.* on the sum received in the previous year.

Attendance at the School of Art:—Day classes—66 students, who paid 1*l.* 10*s.* per session, and 17*s.* 6*d.* per half-session. Evening classes—281 students, who paid 1*l.* 2*s.* 6*d.*, 15*s.*, 12*s.* 6*d.*, and 7*s.* per session, and 12*s.* 6*d.*, 8*s.* 6*d.*, 7*s.*, and 4*s.* per half session.

The income of the school during the year was 1,011*l.* 4*s.* 10*d.*

The school received 1 gold medal, 4 bronze medals, and 4 Queen's prizes of books in the national competition; 38 third grade prizes of books, &c. for works sent up for inspection; and 12 second grade prizes at the annual local examination.

Seven students obtained local free studentships. 287 students sent 2,135 works to the annual examination at South Kensington.

The local examination was attended by 138 students of the school, of whom 53 were successful.

An exhibition of the students' works took place in April, and was attended by 300 visitors.

The school has expended from its own funds 10*l.* 12*s.* 2*d.* on account of examples, &c. for Art instruction.

The total amount of aid afforded to the school by the Department during 1875 has been 294*l.* 17*s.* 9*d.*, including a prize of 30*l.* to the head-master.

Various local prizes are awarded.

### Shrewsbury.—(Population in 1871—23,300.)

Established in 1855. Situate at Vaughan's Mansion, College Hill.

The committee of management consists of 13 members. The officers are:—Rev. T. B. Lloyd, Chairman; James Tasker, Secretary; and Charles Cortissos, Head-Master (3 certificates).

The number of students under instruction during the year has been 102, showing an increase of 31 since last year.

The fees received from these students amounted to 105*l.* 19*s.* 6*d.*, showing an increase of 11*l.* 11*s.* on the sum received in the previous year.

Attendance:—Day classes—22 students, who paid 1*l.* 1*s.* per quarter, and 5*s.* entrance fee. Evening classes—80 students, who paid 10*s.* and

5*s.* respectively per quarter, and in respect of the 10*s.* class an entrance fee of 5*s.*

The income of the school during the year was 187*l.* 12*s.* 11*d.*

The school received 6 third grade prizes of books, &c. for works sent up for inspection, and 4 second grade prizes at the annual local examination.

Fifty-one students sent 252 works to the annual examination at South Kensington.

The local examination was attended by 25 students of the school, of whom 12 were successful.

An exhibition of the students' works took place in the Science Hall on November 25th, 1874, and was attended by 300 visitors.

The school has expended from its own funds 2*l.* 1*s.* 4*d.* on account of examples, &c. for Art instruction.

The total amount of aid afforded to the school by the Department during 1875 has been 33*l.* 12*s.* 2*d.*

SOUTHAMPTON.—(Population in 1871—54,057.)

Established in 1855. Situate at Hartley Institution.

The committee of management consists of 15 members. The officers are:—Alderman Hickman, Chairman; R. Chipperfield, Secretary; and Robert Pratt, Head-Master (1 certificate).

The number of students under instruction during the year has been 108, showing a total similar to last year.

The fees received from these students amounted to 68*l.* 19*s.* 8*d.*, showing an increase of 11*l.* 0*s.* 2*d.* on the sum received in the previous year.

Attendance:—Day classes—25 students, who paid 6*s.* and 10*s.* per month. Evening classes—83 students, who paid 2*s.* per month, and 7*s.* 6*d.* per session.

The income of the school during the year was 136*l.* 18*s.* 8*d.*

The school received 6 third grade prizes of books, &c. for works sent up for inspection, and 4 second grade prizes at the annual local examination.

Seventy-two students sent 213 works to the annual examination at South Kensington.

The local examination was attended by 43 students of the school, of whom 24 were successful.

An exhibition of the students' works took place in December, and was attended by many visitors.

The school has expended from its own funds 2*l.* 18*s* 2*d.* on account of examples, &c. for Art instruction.

The total amount of aid afforded to the school by the Department during 1875 has been 90*l.* 6*s.* 3*d.*

A silver medal and a prize of books are awarded annually.

SOUTHAMPTON.—(Population in 1871—54,057.)

Established in 1872. Situate at the Philharmonic Hall, Above Bar Street.

The committee of management consists of 10 members. The officers are:—Lieut.-Col. W. Lacy, Chairman; G. M. Passenger, Secretary; and John H. Tunmer, Head-Master (2 certificates).

Appendix C. Schools of Art.

The number of students under instruction during the year has been 187, showing an increase of 15 since last year.

The fees received from these students amounted to 151*l.* 14*s.*, showing a decrease of 12*l.* 8*s.* from the sum received in the previous year.

Attendance:—Day classes—83 students, who paid 10*s.* and 4*s.* per month. Evening classes—104 students, who paid 2*s.* per month.

The income of the school during the year was 263*l.* 8*s.* 10*d.*

The school received 10 third grade prizes of books, &c. for works sent up for inspection, and 12 second grade prizes at the annual local examination.

One hundred and seventeen students sent 785 works to the annual examination at South Kensington.

The local examination was attended by 96 students of the school, of whom 50 were successful.

An exhibition of the students' works took place in November 1874, and was attended by 700 to 800 visitors.

The school has expended from its own funds 5*l.* 5*s.* 2*d.*, on account of examples, &c. for Art instruction.

The total amount of aid afforded to the school by the Department during 1875 has been 147*l.* 8*s.* 4*d.*, including a prize of 10*l.* to the head-master.

### Stafford.—(Population in 1871—15,946.)

Established in 1874. Situate at Earl Street.

The committee of management consists of 16 members. The officers are:—Bateman P. Wright, Chairman; A. Ed. Smith, Secretary; and Thomas Chittenden, Head-Master (1 certificate).

The number of students under instruction during the year has been 72, showing an increase of 3 since last year.

The fees received from these students amounted to 78*l.* 3*s.* 6*d.* showing a decrease of 17*l.* 7*s.* 6*d.* from the sum received in the previous year.

Attendance:—Day classes—26 students, who paid 1*l.* 1*s.* and 10*s.* 6*d.* per quarter. Evening classes—46 students who paid 7*s.* 6*d.* and 5*s.* per quarter.

The income of the school during the year was 126*l.* 7*s.* 5*d.*

The school received 1 third grade prize of books, &c. for works sent up for inspection, and 1 second grade prize at the annual local examination.

Forty-one students sent 286 works to the annual examination at South Kensington.

The local examination was attended by 24 students of the school, of whom 8 were successful.

The total amount of aid afforded to the school by the Department during 1875 has been 24*l.* 15*s.* 8*d.*

Prizes are given by the Committee.

### Stirling.—(Population in 1871—14,276.)

Established in 1857. Situate at Spittal Square.

The committee of management consists of 13 members. The officers are:—Provost Christie, Chairman; John Kemp, Secretary; and Leonard Baker, Head-Master (1 certificate).

The number of students under instruction during the year has been 146, showing a decrease of 2 since last year.

The fees received from these students amounted to 131*l.* 3*s.*, showing a decrease of 1*l.* 14*s.* 6*d.* on the sum received in the previous year.

Attendance:—Day classes—112 students, who paid 2*s.* 6*d.* and 3*s.* 4*d.* per month. Evening classes—34 students, who paid 2*s.* per month.

The income of the school during the year was 164*l.* 14*s.*

The school received 6 third grade prizes of books, &c. for works sent up for inspection.

Forty-five students sent 245 works to the annual examination at South Kensington.

The local examination was attended by 52 students of the school, of whom 12 were successful.

The total amount of aid afforded to the school by the Department during 1875 has been 39*l.* 8*s.* 1*d.*

STOKE-ON-TRENT.—(Population in 1871—14,008.)

Established in 1847. Situate at Eldon Place.

The committee of management consists of 22 members. The officers are:—Rev. Sir Lovelace T. Stamer, Bart., Chairman; J. G. U. West, Secretary; and Henry Woolner, Head-Master (4 certificates).

The number of students under instruction during the year has been 143, showing a decrease of 12 since last year.

The fees received from these students amounted to 86*l.* 7*s.* 6*d.*, showing an increase of 6*l.* 17*s.* 6*d.* on the sum received in the previous year.

Attendance:—Day classes—11 students, who paid 10*s.* per month. Evening classes—132 students, who paid 1*s.* 6*d.* to 2*s.* per month, and 1*s.* 6*d.* to 2*s.* entrance fee.

The income of the school during the year was 315*l.* 13*s.* 6*d.*

The school received 2 bronze medals in the national competition; 11 third grade prizes of books, &c. for works sent up for inspection; and 5 second grade prizes at the annual local examination.

Four students obtained local free studentships. 116 students sent 596 works to the annual examination at South Kensington.

The local examination was attended by 37 students of the school, of whom 14 were successful.

An exhibition of the students' works took place in April, and was attended by 800 visitors.

The total amount of aid afforded to the school by the Department during 1875 has been 146*l.* 19*s.* 11*d.*, including a prize of 10*l.* to the head-master.

STOURBRIDGE.—(Population in 1871—24,968.)

Established in 1852. Situate at Talbot Street.

The committee of management consists of 12 members. The officers are:—Right Hon. Lord Lyttleton, Chairman; E. J. Collis, Secretary; and William P. Bowen, Head-Master (2 certificates).

The number of students under instruction during the year has been 183, showing an increase of 8 since last year. This total includes 133 students who attended the school of Art, and 50 pupils of private schools.

The fees received from these students amounted to 178*l.* 18*s.*, showing an increase of 5*l.* 14*s.* 3*d.* on the sum received in the previous year.

Attendance at the School of Art:—Day classes—31 students, who paid 3*s.* 6*d.* and 1*s.* 9*d.* per month. Evening classes—102 students, who paid 2*s.*, 1*s.* 8*d.*, and 1*s.* per month.

Appendix C. Schools of Art.

The income of the school during the year was 300*l.* 9*s.*

The school received 4 third grade prizes of books, &c. for works sent up for inspection, and 4 second grade prizes at the annual local examination.

One student obtained a local free studentship. 61 students sent 414 works to the annual examination at South Kensington.

The local examination was attended by 43 students of the school, of whom 13 were successful.

The total amount of aid afforded to the school by the Department during 1875 has been 75*l.* 6*s.* 9*d.*

STROUD.—(Population in 1871—9,963.)

Established in 1866. Situate at High Street, Stroud.

The committee of management consists of 18 members. The officers are:—Joseph Watts Hallewell, Chairman; Sebastian Stewart Dickinson, Secretary; and W. Broad, Head-Master (2 certificates).

The number of students under instruction during the year has been 96, showing an increase of 18 since last year.

The fees received from these students amounted to 93*l.* 9*s.*, showing an increase of 31*l.* 0*s.* 6*d.* on the sum received in the previous year.

Attendance:—Day classes—79 students, who paid 15*s.*, 10*s.*, 7*s.* 6*d.*, and 5*s.* per session. Evening classes—17 students, who paid 8*s.* per half year, and 5*s.* per session.

The income of the school during the year was 129*l.* 3*s.* 2*d.*

The school received 3 third grade prizes of books, &c., for works sent up for inspection, and 4 second grade prizes at the annual local examination.

Twenty-nine students sent 208 works to the annual examination at South Kensington.

The local examination was attended by 29 students of the school, of whom 15 were successful.

The total amount of aid afforded to the school by the Department during 1875 has been 32*l.* 10*s.* 8*d.*

SUNDERLAND.—(Population in 1871—98,000.)

Established in 1869. Situate at 21, Fawcett Street.

The committee of management consists of 22 members. The officers are:—Rev. W. R. Burnett, Chairman; Wm. Hy. Hills, Secretary; and Wm. C. Way, Head-Master (4 certificates).

The number of students under instruction during the year has been 210, showing an increase of 55 since last year.

The fees received from these students amounted to 182*l.* 16*s.*, showing an increase of 53*l.* 12*s.* 6*d.* on the sum received in the previous year.

Attendance:—Day classes—77 students, who paid 1*l.* 1*s.* and 12*s.* 6*d.* per quarter. Evening classes—139 students, who paid 2*s.* per month.

The income of the school during the year was 295*l.* 1*s.*

The school received 13 third grade prizes of books, &c. for works sent up for inspection, and 8 second grade prizes at the annual local examination.

One hundred and fifty-two students sent 1,204 works to the annual examination at South Kensington.

The local examination was attended by 53 students of the school, of whom 29 were successful.

An exhibition of the students' works took place in October, and was attended by 450 visitors.

The school has expended from its own funds 1*l.* 13*s.* 10*d.* on account of examples, &c. for Art instruction.

The total amount of aid afforded to the school by the Department during 1875 has been 105*l.* 2*s.* 8*d.*

### Swansea.—(Population in 1871—67,374.)

Established in 1853. Situate at Post Office Chambers.

The committee of management consists of 31 members. The officers are:—F. A. Yeo, Chairman; Wm. H. Jones, Secretary; and F. F. Hosford, Head-Master (2 certificates).

The number of students under instruction during the year has been 151, showing an increase of 7 since last year.

The fees received from these students amounted to 116*l.*, showing an increase of 11*l.* 16*s.* 9*d.* on the sum received in the previous year.

Attendance:—Day classes—62 students, who paid 2*s.*, 2*s.* 6*d.*, and 8*s.* per month, and 5*s.* entrance fee. Evening classes—89 students, who paid 2*s.* and 4*s.* per month, and 2*s.* and 5*s.* entrance fee.

The income of the school during the year was 198*l.* 8*s.*

The school received 4 third grade prizes of books, &c. for works sent up for inspection, and 5 second grade prizes at the annual local examination.

Sixty-seven students sent 887 works to the annual examination at South Kensington.

The local examination was attended by 35 students of the school, of whom 26 were successful.

The total amount of aid afforded to the school by the Department during 1875 has been 70*l.* 17*s.* 2*d.*

### Taunton.—(Population in 1871—15,466)

Established in 1856. Situate at Bath Place.

The committee of management consists of 11 members. The officers are:—H. Prince, Chairman; J. H. Biddulph Pinchard, Secretary; and John Rowe, Head-Master (2 certificates).

The number of students under instruction during the year has been 219, showing an increase of 21 since last year. This total includes 87 students who attended the School of Art, and 122 pupils of private schools.

The fees received from these students amounted to 374*l.* 10*s.*, showing an increase of 44*l.* 18*s.* 6*d.* on the sum received in the previous year.

Attendance at the School of Art:—Day classes—43 students, who paid 1*l.* 15*s.* per term. Evening classes—44 students, who paid 7*s.* and 14*s.* per term.

The income of the school during the year was 425*l.* 5*s.*

The school received 8 third grade prizes of books, &c. for works sent up for inspection, and 7 second grade prizes at the annual local examination.

Eighty-one students sent 267 works to the annual examination at South Kensington.

Appendix C. Schools of Art.

The local examination was attended by 40 students of the school, of whom 17 were successful.

An exhibition of the students' works took place in January, and was attended by 1,200 visitors.

The total amount of aid afforded to the school by the Department during 1875 has been 39*l.* 17*s.* 8*d.*

### Tavistock.—(Population in 1871—7,725.)

Established in 1854. Situate at West Street.

The committee of management consists of 12 members. The officers are:—William Honey, Chairman, T. W. Greenfield, Secretary, and Henry Rafter, Head-Master (2 certificates).

The number of students under instruction during the year has been 104, showing an increase of 11 since last year.

The fees received from these students amounted to 120*l.*

Attendance:—Day classes—82 students who paid 2*l.* and 4*l.* per year, and 2*s.* 6*d.* entrance fee. Evening classes—30 students who paid 2*s.* per month, and 1*s.* entrance fee.

The income of the school during the year was 122*l.* 11*s.*

The school received 2 second grade prizes at the annual local examination.

Three students sent 9 works to the annual examination at South Kensington.

The local examination was attended by 9 students of the school, of whom 2 were successful.

The total amount of aid afforded to the school by the Department during 1875 has been 10*l.* 11*s.*

### Torquay.—(Population in 1871—21,608.)

Established in 1866. Situate at Braddon's Hill.

The committee of management consists of 20 members. The officers are:—E. Vivian, Esq., Chairman; D. W. R. Buchanan, Secretary; and T. Holmes, Head-Master (3 certificates).

The number of students under instruction during the year has been 172.

The fees received from these students amounted to 186*l.* 12*s.* showing an increase of 25*l.* 12*s.* on the sum received in the previous year.

Attendance:—Day classes—114 students, who paid 15*s.* and 7*s.* 6*d.* per month, and 6*s.* and 3*s.* entrance fee. Evening classes—58 students, who paid 2*s.* per month, and 1*s.* entrance fee.

The income of the school during the year was 288*l.* 8*s.*

The school received 1 Queen's prizes of books in the national competition 5 third grade prizes, of books, &c. for works sent up for inspection, and 5 second grade prizes at the annual local examination.

Three students obtained local free studentships. 24 students sent 111 works to the annual examination at South Kensington.

The local examination was attended by 42 students of the school, of whom 15 were successful.

The school has expended from its own funds 10*l.* on account of examples, &c. for Art instruction.

The total amount of aid afforded to the school by the Department during 1875 has been 63*l.* 18*s.* 1*d.*

TROWBRIDGE.—(Population in 1871—11,487.)

Established in 1864. Situate at Market House.

The committee of management consists of 8 members. The officers are:—T. Clark, Esq., Chairman; G. C. Tayler, M.D., Secretary; and George Ryles, Head-Master (2 certificates).

The number of students under instruction during the year has been 57, same as last year.

The fees received from these students amounted to 62*l.* 12*s.* 6*d.*, showing an increase of 9*l.* 0*s.* 6*d.* on the sum received in the previous year.

Attendance:—Day classes—21 students, who paid 1*l.* 10*s.* per session, and 2*s.* 6*d.* entrance fee. Evening classes—36 students, who paid 2*s.* per month, and 1*s.* 6*d.* entrance fee.

The income of the school during the year was 125*l.* 8*s.* 6*d.*

The school received 1 Queen's prize of books in the national competition; 6 third grade prizes of books, &c. for works sent up for inspection; and 3 second grade prizes at the annual local examination.

One student obtained a local free studentship. 50 students sent 246 works to the annual examination at South Kensington.

The local examination was attended by 24 students of the school, of whom 12 were successful.

An exhibition of the students' works took place in January, and was attended by 900 visitors.

The total amount of aid afforded to the school by the Department during 1875 has been 72*l.* 10*s.* 10*d.*, including a prize of 10*l.* to the head-master.

TRURO.—(Population in 1871—10,999.)

Established in 1853. Situate at High Cross.

The committee of management consists of 20 members. The officers are:—C. Barham, Chairman; Thomas Solomon, Secretary; and H. M. Geoffroi, Head-Master (1 certificate).

The number of students under instruction during the year has been 65, showing an increase of 34 since last year. This total includes 48 students who attended the school of Art, and 17 pupils of private schools.

The fees received from these students amounted to 100*l.* 9*s.*, showing an increase of 54*l.* 2*s.* on the sum received in the previous year.

Attendance at the School of Art:—Day classes—33 students, who paid 1*l.* 1*s.* per quarter. Evening classes—18 students, who paid 10*s.* 6*d.* and 3*s.* 6*d.* per quarter.

The income of the school during the year was 143*l.* 13*s.*

The school received 2 third grade prizes of books, &c., for works sent up for inspection; and 4 second grade prizes at the annual local examination.

Twenty-nine students sent 377 works to the annual examination at South Kensington.

The local examination was attended by 18 students of the school, of whom 13 were successful.

An exhibition of the students' works aided by loans from the Department, friends and artists, took place in December, and was attended by 1,500 visitors.

The total amount of aid afforded to the school by the Department during 1875 has been 29*l.* 10*s.* 5*d.*

Appendix C.

SCHOOLS OF ART.

WAKEFIELD.—(Population in 1871—28,079.)

Established in 1868. Situate at Bell Street.

The committee of management consists of 13 members. The officers are:—Robert Bownas Mackie, J.P., Chairman; Samuel Bruce, LL.B., J.P., Secretary; and Joseph Bunker, Head-Master (3 certificates).

The number of students under instruction during the year has been 158, showing an increase of 13 since last year.

The fees received from these students amounted to 165*l.* 13*s.* 3*d.*, showing an increase of 8*l.* 2*s.* 11*d.* on the sum received in the previous year.

Attendance:—Day classes—38 students, who paid 1*l.* 1*s.* and 15*s.* per quarter. Evening classes—120 students, who paid 10*s.* 6*d.* and 5*s.* per quarter.

The income of the school during the year was 358*l.* 11*s.* 3*d.*

The school received 1 Queen's prize of books in the national competition, 19 third grade prizes of books, &c. for works sent up for inspection, and 7 second grade prizes at the annual local examination.

One student obtained a local free studentship. 92 students sent 396 works to the annual examination at South Kensington.

The local examination was attended by 62 students of the school, of whom 20 were successful.

The school has expended from its own funds 4*l.* on account of examples, &c. for Art instruction.

The total amount of aid afforded to the school by the Department during 1875 has been 102*l.* 2*s.* 1*d.*, including a prize of 10*l.* to the head-master.

Local prizes to the amount of 23*l.* 2*s.* were awarded.

WALSALL.—(Population in 1871—48,594.)

Established in 1870. Situate at Station Street.

The committee of management consists of 23 members. The officers are:—Rev. A. A. Cole, Chairman; Wm. H. Brocksop, Secretary; and Charles Gregory, Head-Master (1 certificate).

The number of students under instruction during the year has been 63, showing a decrease of 17 since last year.

The fees received from these students amounted to 20*l.* 12*s.*, showing a decrease of 27*l.* 2*s.* from the sum received in the previous year.

Attendance:—Day classes—2 students, who paid 1*l.* 1*s.* per quarter. Evening classes—63 students, who paid 3*s.* and 5*s.* per quarter.

The income of the school during the year was 136*l.*

The school received 2 third grade prizes of books, &c. for works sent up for inspection, and 1 second grade prize at the annual local examination.

Forty-three students sent 285 works to the annual examination at South Kensington.

The local examination was attended by 27 students of the school, of whom 10 were successful.

The school has expended from its own funds 6*l.* 5*s.* 3*d.* on account of examples, &c. for Art instruction.

The total amount of aid afforded to the school by the Department during 1875 has been 43*l.* 4*s.* 10*d.*

WALSALL.—(Population in 1871—48,594.)

Established in 1874. Situate at the Athenæum Buildings, Bridge Street.

The committee of management consists of 19 members. The officers are:—Dr. Alfred Jas. Harrison, Chairman; Samuel Welsh, Secretary; and James Andrew Mulligan, Head-Master (2 certificates).

The number of students under instruction during the year has been 102. This total includes 83 students who attended the school of Art, and 19 students of branch classes at Bloxwich.

The fees received from these students amounted to 119*l.* 3*s.*

Attendance:—Day classes—18 students, who paid 10*s.* 6*d.* and 1*l.* 1*s.* per quarter. Evening classes — 65 students who paid 6*s.*, 12*s.* 6*d.*, and 1*l.* 1*s.* per quarter, and 1*s.* 6*d.* entrance fee.

The income of the school during the year was 245*l.* 14*s.* 3*d.*

The school received 1 Queen's prize of books in the national competition; 5 third grade prizes of books, &c. for works sent up for inspection, and 5 second grade prizes at the annual local examination.

Forty-one students sent 481 works to the annual examination at South Kensington.

The local examination was attended by 34 students of the school, of whom 13 were successful.

An exhibition of the students' works took place in December, and was attended by 660 visitors.

The school has expended from its own funds 10*l.* 4*s.* 8*d.* on account of examples, &c. for Art instruction.

The total amount of aid afforded to the school by the Department during 1875 has been 56*l.* 18*s.* 11*d.*

WARMINSTER.—(Population in 1871—6,500.)

Established in 1861. Situate at the Athenæum.

The committee of management consists of 14 members. The officers are:—Rev. Sir James Erasmus Philipps, Bart., Chairman; Joseph Hinton, Secretary; and George Ryles, Head-Master (2 certificates).

The number of students under instruction during the year has been 27, showing a decrease of 10 since last year.

The fees received from these students amounted to 38*l.* 4*s.*, showing a decrease of 8*l.* 8*s.* from the sum received in the previous year.

Attendance:—Day classes — 16 students who paid 1*l.* 10*s.* per session, and 2*s.* 6*d.* entrance fee. Evening classes—11 students, who paid 2*s.* and 1*s.* per month, and 1*s.* 6*d.* entrance fee.

The income of the School during the year was 46*l.* 15*s.* 5*d.*

The school received 4 third grade prizes of books, &c. for works sent up for inspection.

Twenty-eight students sent 338 works to the annual examination at South Kensington.

The local examination was attended by 14 students of the School, of whom 5 were successful.

An exhibition of the students' works took place in December, and was attended by 300 visitors.

The total amount of aid afforded to the school by the Department during 1875 has been 12*l.* 0*s.* 5*d.*

Appendix C.

Schools of Art.

Warrington.—(Population in 1871—33,053.)

Established in 1853. Situate at Museum Building.

The committee of management consists of 15 members. The officers are:—John Rylands, Esq., J. P., Chairman; Edward Milner, Secretary; and J. C. Thompson, Head-Master (2 certificates).

The number of students under instruction during the year has been 179, showing an increase of 7 since last year.

The fees received from these students amounted to 226*l.* 10*s.* 6*d.*, showing an increase of 22*l.* 1*s.* 6*d.* on the sum received in the previous year.

Attendance:—Day classes—115 students, who paid 1*l.* 1*s.* and 12*s.* 6*d.* per quarter, and 1*s.*, 2*s.*, and 3*s.* per month. Evening classes—64 students, who paid 1*s.*, 2*s.*, and 3*s.* per month.

The income of the School during the year was 345*l.* 2*s.* 6*d.*

The school received 1 bronze medal, and 1 Queen's prize of books in the national competition; 22 third grade prizes of books, &c. for works sent up for inspection, and 6 second grade prizes at the annual local examination.

Two students obtained national art scholarships, and one obtained a local free studentship; 115 students sent 862 works to the annual examination at South Kensington.

The local examination was attended by 47 students of the School, of whom 26 were successful.

The school has expended from its own funds 1*l.* 17*s.* 2*d.* on account of examples, &c. for Art instruction.

The total amount of aid afforded to the school by the Department during 1875 has been 142*l.* 4*s.*, including a prize of 10*l.* to the head-master.

A prize fund is formed for artisan and public class day students.

Watford.—(Population in 1871—12,000.)

Established in 1874. Situate at Public Library.

The committee of management consists of 12 members. The officers are:—C. F. Humbert, Chairman; Rev. N. Price, Secretary; and R. C. Puckett, Ph.D., Head-Master (6 certificates).

The number of students under instruction during the year has been 120.

The fees received from these students amounted to 150*l.* 11*s.* 3*d.*

Attendance:—Day classes—70 students, who paid 1*l.* 8*s.* per session, and 4*l.* 4*s.* a year. Evening classes—50 students, who paid 4*s.* per session, and 12*s.* a year.

The income of the school during the year was 168*l.* 2*s.* 3*d.*

The school received 6 third grade prizes of books, &c. for works sent up for inspection, and 2 second grade prizes at the annual local examination.

The local examination was attended by 60 students of the school, of whom 27 were successful.

An exhibition of the students' works took place in October 1875.

The school has expended from its own funds 60*l.* on account of examples, &c. for Art instruction.

The total amount of aid afforded to the school by the Department during 1875 has been 66*l.* 18*s.* 10*d.*

WINCHESTER.—(Population in 1871— 17,003.)

Established in 1870. Situate at No. 4, The Close.

The committee of management consists of 13 members. The officers are:—The Rev. G. Ridding, D.D., Chairman; The Rev. H. E. Moberly, M.A., Secretary; John H. Tunmer, Head-Master (2 certificates); and Ida Williams, Mistress (1 certificate).

The number of students under instruction during the year has been 123, showing a decrease of 3 since last year.

The fees received from these students amounted to 166*l.* 0*s.* 10*d.*, showing a decrease of 1*l.* 12*s.* 8*d.* from the sum received in the previous year.

Attendance:—Day classes—69 students, who paid 5*s.* and 8*s.* per month. Evening classes—59 students, who paid 2*s.* and 4*s.* per month.

The income of the School during the year was 285*l.* 11*s.* 4*d.*

The school received 8 third grade prizes of books, &c. for works sent up for inspection; and 4 second grade prizes at the annual local examination.

Three students obtained local free studentships. 103 students sent 654 works to the annual examination at South Kensington.

The local examination was attended by 53 students of the School, of whom 35 were successful.

An exhibition of the students' works took place in November, and was attended by about 800 visitors.

The total amount of aid afforded to the school by the Department during 1875 has been 94*l.* 4*s.*

WOLVERHAMPTON.—(Population in 1871—68,299.)

Established in 1853. Situate at Darlington Street.

The committee of management consists of 8 members. The officers are:—Major Loveridge, Chairman; Vincent Jackson, Hon. Secretary; and Archibald Gunn, Head-Master (3 certificates).

The number of students under instruction during the year has been 229, showing an increase of 57 since last year. This total includes 169 students who attended the School of Art, and 60 pupils of private schools.

The fees received from these students amounted to 251*l.* 1*s.* 6*d.*, showing an increase of 40*l.* 13*s.* on the sum received in the previous year.

Attendance at the School of Art:—Day classes—55 students, who paid 7*s.* 6*d.* and 3*s.* 4*d.* per month. Evening classes—114 students, who paid 2*s.* 6*d.* and 1*s.* 8*d.* per month.

The income of the school during the year was 419*l.* 12*s.* 6*d.*

The school received 13 third grade prizes of books, &c. for works sent up for inspection, and 4 second grade prizes at the annual local examination.

Ninety-six students sent 353 works to the annual examination at South Kensington.

The local examination was attended by 61 students of the school, of whom 16 were successful.

The total amount of aid afforded to the school by the Department during 1875 has been 73*l.* 2*s.* 2*d.*

Appendix C.

SCHOOLS OF ART.

WORCESTER.—(Population in 1871—41,486.)

Established in 1851. Situate at Pierpoint Street.

The committee of management consists of 14 members. The officers are:—E. Leader Williams, Chairman; Harry Day, Secretary; and A. Hodder, Head-Master (2 certificates).

The number of students under instruction during the year has been 158, showing a decrease of 10 since last year.

The fees received from these students amounted to 136*l.* 3*s.* 1*d.*, showing an increase of 7*l.* 19*s.* 9*d.* over the sum received in the previous year.

Attendance:—Day classes—50 students, who paid 1*l.* 1*s.* and 10*s* 6*d.* per quarter, 5*s.* 6*d.* and 3*s.* entrance fee. Evening classes—108 students, who paid 7*s.* 6*d.*, 5*s.* 6*d.*, 5*s.*, and 3*s.* per quarter, and 2*s.* entrance fee.

The income of the school during the year was 381*l.* 11*s.*

The school received 20 third grade prizes of books, &c. for works sent up for inspection, and 10 second grade prizes at the annual local examination.

Four students obtained local free studentships. 81 students sent 306 works to the annual examination at South Kensington.

The local examination was attended by 53 students of the school, of whom 34 were successful.

The total amount of aid afforded to the school by the Department during 1875 has been 111*l.* 17*s.* 7*d.*

YARMOUTH.—(Population in 1871—40,526.)

Established in 1857. Situate at South Quay.

The committee of management consists of 18 members. The officers are:—Charles Woolverton, Chairman; F. A. Cubitt, Secretary; and J. F. Ryan, Head-Master (2 certificates).

The number of students under instruction during the year has been 436, showing a decrease of 7 since last year. This total includes 145 students who attended the School of Art, and 291 pupils of private schools.

The fees received from these students amounted to 146*l.* 12*s.*, showing a decrease of 27*l.* 6*s.* from the sum received in the previous year.

Attendance at the School of Art:—Day classes—33 students, who paid 10*s.* and 1*l.* 1*s.* per session, and 1*s.* 6*d.* and 5*s.* entrance fee. Evening classes—112 students, who paid 8*s.* 6*d.* and 1*l.* 1*s.* per session, and 1*s.* and 5*s.* entrance fee.

The income of the school during the year was 407*l.* 5*s.*

The school received 1 bronze medal, and 3 Queen's prizes of books in the national competition; 17 third grade prizes of books, &c. for works sent up for inspection, and 28 second grade prizes at the annual local examination.

Three students obtained local free studentships. 80 students sent 999 works to the annual examination at South Kensington.

The local examination was attended by 117 students of the school, of whom 60 were successful.

An exhibition of the students' works took place in November, and was attended by numerous visitors.

The school has expended from its own funds 4*l.* 15*s.* 9*d.* on account of examples, &c. for Art instruction.

The total amount of aid afforded to the school by the Department during 1875 has been 197*l.* 15*s.* 4½*d.*, including a prize of 20*l.* to the head-master.

A prize is given by the head-master for the best set of elementary works executed in the artisan class.

YORK.—(Population in 1871—50,761.)

Established in 1842. Situate at Minster Yard.

The committee of management consists of 24 members. The officers are:—Rev. Isaac Spencer, M.A., Chairman; W. Monkhouse, Secretary; and John Spencer Dominy, Head-Master (4 certificates).

The number of students under instruction during the year has been 181, showing an increase of 16 since last year.

The fees received from these students amounted to 178*l.* 11*s.* 3*d.*, showing an increase of 36*l.* 8*s.* 6*d.* on the sum received in the previous year.

Attendance:—Day classes—36 students, who paid 1*l.* 1*s.* and 1*l.* 11*s.* 6*d.* per session of five months. Evening classes—145 students, who paid 1*l.* 1*s.*, 10*s.* 6*d.*, and 7*s.* 6*d.* per session of five months.

The income of the School during the year was 355*l.* 9*s.* 9*d.*

The school received 12 third grade prizes of books, &c. for works sent up for inspection, and 3 second grade prizes at the annual local examination.

One student obtained certificate of the third grade, and 1 obtained a local free studentship. 129 students sent 385 works to the annual examination at South Kensington.

The local examination was attended by 71 students of the School, of whom 28 were successful.

An exhibition of the students' works took place in December and was attended by about 200 visitors.

The school has expended from its own funds, 4*l.* 16*s.* 6*d.*, on account of examples, &c. for Art instruction.

The total amount of aid afforded to the school by the Department during 1875 has been 107*l.* 8*s.* 4*d.*

Appendix C. TABLE OF RESULTS.

9. RESULTS of EXAMINATIONS of SCHOOLS OF ART throughout the United Kingdom, in connexion with the SCIENCE AND ART DEPARTMENT of the COMMITTEE OF COUNCIL ON EDUCATION, 1875.—(Table F.)

| School. | Date of Establishment. | No. of Students taught in 1875. | 2nd Grade Examination. | | | 3rd Grade Examination. | | | | National Competition. | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | No. of Students examined. | No. of Students successful. | No. of Students who obtained Prizes. | No. of Students who sent up Works. | No. of Works sent up. | No. of Artisans on whom Payments were made. | No. of Students who obtained Prizes. | Gold Medals. | Silver Medals. | Bronze Medals. | Queen's Prizes. |
| Aberdeen | 1853 | 326 | 190 | 58 | 14 | 205 | 1,605 | 201 | 16 | — | 1 | — | 1 |
| Andover | 1854 | 40 | 23 | 17 | 9 | 42 | 418 | 34 | 1 | — | — | — | — |
| Barnsley | 1874 | 112 | 45 | 23 | 6 | 84 | 532 | 55 | 4 | — | — | — | — |
| Barrow-in-Furness | 1874 | 115 | 39 | 26 | 10 | 83 | 416 | 80 | 4 | — | — | — | — |
| Bath | 1854 | 216 | 76 | 47 | 19 | 95 | 657 | 78 | 11 | — | — | — | — |
| Belfast | 1870 | 330 | 94 | 48 | 11 | 166 | 978 | 141 | 25 | — | 2 | — | 2 |
| Berwick-on-Tweed | 1873 | 83 | 42 | 25 | 10 | 65 | 1,038 | 61 | 5 | — | — | — | — |
| Bideford | 1875 | 110 | *New School.* | | | | | | | | | | |
| Birkenhead | 1855 | 250 | 130 | 176 | 19 | 185 | 1,538 | 159 | 10 | — | — | 1 | — |
| Birmingham | 1842 | 1,329 | 418 | 51 | 27 | 544 | 3,037 | 505 | 64 | 1 | 3 | 6 | 4 |
| Boston | 1860 | 105 | 37 | 21 | 6 | 44 | 218 | 36 | 7 | — | — | — | — |
| Bradford, Ch. Inst. | 1874 | 162 | 81 | 26 | 4 | 116 | 822 | 111 | 11 | — | 1 | — | 1 |
| „ Gram. Sch. | 1874 | 213 | 135 | 44 | 12 | 80 | 538 | 24 | 3 | — | — | — | — |
| „ Mech. Inst. | 1871 | 264 | 125 | 38 | 9 | 202 | 1,252 | 176 | 17 | — | — | — | 1 |
| Bridport | 1865 | 113 | 66 | 38 | 11 | 104 | 563 | 66 | 16 | — | 1 | 1 | — |
| Brighton | 1859 | 204 | 84 | 59 | 26 | 221 | 1,419 | 154 | 25 | — | — | — | 2 |
| Bristol | 1853 | 290 | 113 | 65 | 20 | 100 | 537 | 80 | 18 | — | — | — | — |
| Bromsgrove | 1860 | 81 | 37 | 16 | 5 | 31 | 568 | 31 | 1 | — | — | — | — |
| Burslem | 1869 | 142 | 50 | 19 | 7 | 91 | 576 | 83 | 22 | — | 2 | 1 | — |
| Cambridge | 1858 | 132 | 11 | 10 | 4 | 73 | 423 | 38 | 9 | — | — | — | 1 |
| Cardiff | 1868 | 148 | 63 | 24 | 3 | 77 | 560 | 69 | 8 | — | — | 1 | — |
| Carlisle | 1854 | 148 | 35 | 20 | 5 | 85 | 474 | 76 | 11 | — | — | 1 | — |
| Carnarvon | 1853 | 34 | 20 | 7 | 1 | 8 | 104 | 7 | 2 | — | — | — | — |
| Cheltenham | 1853 | 175 | 25 | 19 | 1 | 52 | 276 | 48 | 5 | — | — | — | — |
| Chester | 1853 | 89 | 27 | 19 | 8 | 56 | 384 | 50 | 5 | — | — | — | — |
| Cirencester | 1860 | 115 | 50 | 18 | 5 | 64 | 162 | 45 | 17 | — | — | — | — |
| Clonmel | 1854 | 53 | 35 | 6 | 1 | 24 | 66 | 15 | 2 | — | — | — | — |
| Coalbrookdale | 1856 | 63 | 28 | 10 | — | 49 | 457 | 45 | 10 | — | — | — | — |
| Coleford | 1872 | 46 | 14 | 6 | 1 | 16 | 28 | 6 | 2 | — | — | — | — |
| Cork | 1854 | 222 | 67 | 31 | 6 | 148 | 458 | 98 | 26 | — | — | — | — |
| Coventry | 1844 | 188 | 53 | 30 | 7 | 103 | 593 | 91 | 19 | — | — | 1 | 4 |
| Croydon | 1868 | 172 | 54 | 23 | 6 | 94 | 378 | 42 | 15 | — | — | — | — |
| Darlington | 1857 | 171 | 52 | 26 | 5 | 108 | 594 | 96 | 3 | — | — | — | — |
| Derby | 1870 | 263 | 80 | 55 | 21 | 275 | 2,860 | 208 | 26 | — | — | 1 | 1 |
| Devizes | 1864 | 65 | 23 | 11 | 3 | 60 | 536 | 24 | 9 | — | — | — | — |
| Devonport | 1875 | 136 | *New School.* | | | | | | | | | | |
| Dollar | 1875 | 108 | 45 | 7 | — | 6 | 39 | 6 | — | — | — | — | — |
| Dorchester | 1867 | 72 | 22 | 11 | 6 | 50 | 264 | 23 | 8 | — | — | 1 | — |
| Dover | 1870 | 113 | 46 | 22 | 5 | 47 | 534 | 43 | 6 | — | — | — | — |
| Dublin, Royal Soc. | 1849 | 545 | 164 | 90 | 21 | 288 | 852 | 146 | 36 | — | — | 5 | — |
| „ Queen's Inst. | 1869 | 75 | 26 | 14 | 5 | 64 | 390 | 51 | 13 | — | — | — | — |
| Dudley | 1853 | 135 | 51 | 24 | 4 | 113 | 933 | 85 | 13 | — | — | — | — |
| Dumfries | 1874 | 60 | 20 | 6 | 2 | 26 | 106 | 26 | 1 | — | — | — | — |
| Dundee | 1856 | 412 | 99 | 21 | 8 | 123 | 337 | 116 | 11 | — | — | — | — |
| Durham | 1853 | 157 | 47 | 23 | 8 | 48 | 522 | 29 | 5 | — | — | — | — |
| Edinburgh (Male) | 1858 | 429 | 100 | 69 | 26 | 199 | 1,140 | 186 | 38 | 1 | 1 | — | 6 |
| „ (Female) | 1858 | 274 | 148 | 62 | 19 | 195 | 885 | 96 | 23 | — | — | 1 | 2 |
| Exeter | 1854 | 269 | 110 | 45 | 9 | 212 | 1,111 | 174 | 13 | — | 1 | 1 | — |
| Farnham and Alton | 1872 | 104 | 39 | 20 | 2 | 23 | 102 | 9 | 4 | — | — | — | — |
| Frome | 1865 | 57 | 22 | 4 | 1 | 37 | 144 | 33 | 2 | — | — | — | — |
| Glasgow | 1842 | 1,252 | 396 | 107 | 18 | 714 | 3,410 | 563 | 32 | — | 1 | 1 | — |
| Gloucester | 1859 | 237 | 78 | 25 | 9 | 93 | 467 | 74 | 15 | — | — | — | 2 |

Appendix C.

TABLE OF RESULTS.

## Results of Examinations—*continued.*

| School. | Date of Establishment. | No. of Students taught in 1875. | 2nd Grade Examination. | | | 3rd Grade Examination. | | | | National Competition. | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | No. of Students examined. | No. of Students successful. | No. of Students who obtained Prizes. | No. of Students who sent up Works. | No. of Works sent up. | No. of Artisans on whom Payments were made. | No. of Students who obtained Prizes. | Gold Medals. | Silver Medals. | Bronze Medals. | Queen's Prizes. |
| Halifax | 1859 | 89 | 25 | 12 | 3 | 76 | 623 | 74 | 10 | — | — | 2 | — |
| Hanley | 1847 | 201 | 135 | 49 | 15 | 160 | 1,573 | 159 | 32 | — | 1 | — | — |
| Hartlepool (West) | 1874 | 102 | 23 | 14 | 5 | 39 | 191 | 37 | 1 | — | — | — | — |
| Hastings and St. Leonards. | 1875 | 50 | *New School.* | | | | | | | | | | |
| Huddersfield | 1872 | 155 | 79 | 32 | 9 | 26 | 155 | 24 | 5 | — | — | — | 1 |
| Hull | 1861 | 258 | 64 | 26 | 5 | 84 | 654 | 65 | 9 | — | — | — | 1 |
| Inverness | 1865 | 81 | 28 | 10 | 1 | 33 | 119 | 32 | 3 | — | — | — | — |
| Ipswich | 1858 | 218 | 136 | 37 | 8 | 178 | 878 | 112 | 7 | — | — | — | — |
| Keighley | 1870 | 163 | 68 | 39 | 13 | 125 | 681 | 119 | 18 | — | — | — | — |
| Kendal | 1870 | 85 | 30 | 7 | 1 | 38 | 289 | 30 | 6 | — | — | — | — |
| Kidderminster | 1862 | 134 | 66 | 29 | 7 | 112 | 768 | 101 | 27 | 1 | 1 | 2 | 2 |
| Kilmarnock | 1867 | 137 | 52 | 28 | 10 | 74 | 495 | 57 | 17 | — | — | — | — |
| Lancaster | 1856 | 204 | 170 | 42 | 8 | 196 | 1,226 | 120 | 16 | — | — | — | 1 |
| Leamington | 1870 | 183 | 86 | 25 | 7 | 94 | 764 | 73 | 6 | — | — | — | — |
| Leeds | 1847 | 631 | 197 | 58 | 8 | 393 | 1,694 | 361 | 30 | — | — | — | 1 |
| Leicester | 1870 | 251 | 56 | 36 | 16 | 168 | 877 | 150 | 18 | — | — | 1 | 1 |
| Lewes | 1868 | 83 | 30 | 24 | 6 | 65 | 737 | 35 | 14 | — | — | — | — |
| Limerick | 1852 | 140 | 37 | 16 | 5 | 97 | 555 | 95 | 9 | — | — | — | — |
| Lincoln | 1863 | 243 | 131 | 71 | 19 | 233 | 2,257 | 201 | 25 | 1 | 1 | 3 | 6 |
| Liverpool, N. Dist. | 1855 | 580 | 163 | 17 | 3 | 68 | 665 | 68 | 3 | — | — | — | 1 |
| Liverpool, S. Dist. | 1855 | 384 | 204 | 89 | 21 | 261 | 1,198 | 187 | 24 | — | — | — | — |
| Londonderry | 1875 | 41 | *New School.* | | | | | | | | | | |
| Macclesfield | 1851 | 135 | 72 | 26 | 4 | 49 | 189 | 43 | 19 | — | — | 2 | 1 |
| Manchester, Royal Institution. | 1842 | 473 | 183 | 90 | 37 | 413 | 2,182 | 350 | 31 | — | 2 | 5 | 1 |
| Manchester, Grammar School. | 1869 | 651 | 470 | 184 | 35 | 330 | 1,152 | 284 | 37 | — | — | — | — |
| *Metropolitan :—* | | | | | | | | | | | | | |
| Bloomsbury | 1842 | 244 | 85 | 55 | 13 | 134 | 1,947 | 119 | 38 | 1 | 1 | 5 | — |
| Islington | 1873 | 79 | 36 | 13 | 3 | 60 | 511 | 50 | 5 | — | — | — | — |
| Lambeth | 1854 | 353 | 98 | 86 | 11 | 204 | 2,768 | 197 | 29 | — | 3 | 2 | 2 |
| North London | 1868 | 267 | 121 | 62 | 25 | 156 | 2,251 | 137 | 17 | — | — | — | — |
| St. Martin's | 1854 | 246 | 65 | 35 | 12 | 139 | 982 | 131 | 17 | — | 1 | — | 3 |
| St. Thomas', Charterhouse. | 1853 | 273 | 166 | 68 | 5 | 166 | 1,284 | 158 | 12 | — | 1 | 2 | 1 |
| City and Spitalfields. | 1842 | 203 | 82 | 49 | 9 | 125 | 868 | 113 | 8 | — | — | — | — |
| South Kensington | 1854 | 754 | 387 | 259 | 24 | 184 | 421 | — | 85 | 2 | 3 | 12 | 8 |
| Stratford | 1872 | 118 | 58 | 22 | 4 | 35 | 607 | 34 | 6 | — | — | — | — |
| West London | 1862 | 517 | 120 | 92 | 29 | 323 | 1,622 | 313 | 38 | — | 1 | 1 | 1 |
| Westminster | 1863 | 93 | 31 | 23 | 5 | 60 | 467 | 52 | 10 | — | 2 | 1 | — |
| Middlesboro' | 1873 | 108 | 50 | 16 | 5 | 64 | 222 | 60 | 12 | — | — | — | — |
| Monmouth | 1872 | 93 | 24 | 7 | 2 | 27 | 72 | 9 | 2 | — | — | — | — |
| Newcastle-under-Lyme. | 1853 | 84 | 27 | 11 | 1 | 46 | 200 | 43 | 8 | — | — | — | — |
| Newcastle-upon-Tyne. | 1844 | 327 | 80 | 45 | 8 | 238 | 2,030 | 215 | 24 | — | — | — | — |
| Newport | 1875 | 80 | *New School.* | | | | | | | | | | |
| Northampton | 1871 | 116 | 43 | 23 | 9 | 86 | 878 | 75 | 17 | — | — | — | — |
| Norwich | 1846 | 200 | 62 | 39 | 6 | 93 | 765 | 74 | 14 | — | — | — | — |
| Nottingham | 1843 | 560 | 278 | 132 | 40 | 421 | 4,892 | 369 | 43 | 2 | 4 | 3 | 5 |
| Oxford | 1865 | 120 | 44 | 11 | 3 | 66 | 590 | 66 | 6 | — | — | — | — |
| Paisley | 1846 | 52 | 30 | 20 | 5 | 42 | 210 | 41 | 7 | — | — | — | — |
| Penzance | 1853 | 117 | 45 | 20 | 4 | 73 | 1,084 | 64 | 4 | — | — | — | — |
| Perth | 1863 | 162 | 49 | 29 | 6 | 67 | 281 | 59 | 6 | — | — | — | 1 |
| Portsmouth | 1870 | 200 | 139 | 55 | 13 | 145 | 1,011 | 130 | 18 | — | 1 | — | 1 |
| Preston | 1860 | 190 | 110 | 19 | 4 | 138 | 1,645 | 85 | 5 | — | — | 1 | — |
| Reading | 1860 | 151 | 90 | 23 | 11 | 72 | 423 | 68 | 6 | — | — | — | — |
| Redditch | 1872 | 52 | 16 | 9 | — | 27 | 349 | 26 | 3 | — | — | — | — |
| Rotherham | 1874 | 58 | 25 | 15 | 3 | 46 | 232 | 44 | 6 | — | — | — | 1 |
| Ryde | 1871 | 145 | 25 | 12 | 4 | 47 | 337 | 33 | 9 | — | — | — | — |
| St. Alban's | 1875 | 45 | *New School.* | | | | | | | | | | |

Appendix C.

TABLE OF RESULTS.

## Results of Examinations—*continued.*

| School. | Date of Establishment. | No. of Students taught in 1875. | 2nd Grade Examination. | | | 3rd Grade Examination. | | | | National Competition. | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | No. of Students examined. | No. of Students successful. | No. of Students who obtained Prizes. | No. of Students who sent up Works. | No. of Works sent up. | No. of Artisans on whom Payments were made. | No. of Students who obtained Prizes. | Gold Medals. | Silver Medals. | Bronze Medals. | Queen's Prizes. |
| Salisbury | 1865 | 112 | 87 | 54 | 15 | 109 | 1,591 | 103 | 17 | — | — | 1 | 1 |
| Saltaire | 1871 | 73 | 45 | 12 | 3 | 68 | 560 | 65 | 10 | — | — | — | — |
| Selby | 1872 | 64 | 37 | 11 | 2 | 49 | 431 | 35 | 6 | — | — | — | — |
| Sheffield and Attercliffe. | 1843 | 361 | 138 | 53 | 12 | 287 | 2,135 | 242 | 33 | 1 | — | 4 | 4 |
| Shrewsbury | 1855 | 102 | 25 | 12 | 4 | 51 | 252 | 35 | 6 | — | — | — | — |
| Southampton, Hartley Inst. | 1855 | 108 | 43 | 24 | 4 | 72 | 213 | 64 | 6 | — | — | — | — |
| Southampton, Philharmonic Hall. | 1872 | 187 | 96 | 50 | 12 | 117 | 785 | 84 | 10 | — | — | 1 | — |
| Stafford | 1874 | 72 | 24 | 8 | 1 | 41 | 286 | 24 | 1 | — | — | — | — |
| Stirling | 1857 | 146 | 52 | 12 | — | 45 | 245 | 45 | 6 | — | — | — | — |
| Stoke-upon-Trent | 1847 | 143 | 37 | 14 | 5 | 116 | 596 | 112 | 11 | — | — | 2 | — |
| Stourbridge | 1852 | 133 | 43 | 13 | 4 | 61 | 414 | 53 | 4 | — | — | — | — |
| Stroud | 1860 | 96 | 29 | 15 | 4 | 29 | 208 | 24 | 3 | — | — | — | — |
| Sunderland | 1869 | 210 | 53 | 29 | 8 | 152 | 1,204 | 127 | 13 | — | — | — | — |
| Swansea | 1853 | 151 | 35 | 26 | 5 | 67 | 887 | 66 | 4 | — | — | — | — |
| Taunton | 1856 | 87 | 40 | 17 | 7 | 81 | 267 | 36 | 8 | — | — | — | — |
| Tavistock | 1854 | 104 | 9 | 2 | — | 3 | 9 | 3 | — | — | — | — | — |
| Torquay | 1865 | 172 | 42 | 15 | 5 | 24 | 111 | 20 | 5 | — | — | — | 1 |
| Trowbridge | 1864 | 57 | 24 | 12 | 3 | 50 | 246 | 32 | 6 | — | — | — | 1 |
| Truro | 1853 | 48 | 18 | 13 | 4 | 29 | 377 | 22 | 2 | — | — | — | — |
| Wakefield | 1868 | 158 | 62 | 20 | 7 | 92 | 396 | 72 | 19 | — | — | — | 1 |
| Walsall, Athenæum | 1874 | 102 | 34 | 13 | 5 | 43 | 289 | 38 | 5 | — | — | — | 1 |
| „ Station St. Institute. | 1871 | 63 | 27 | 10 | 1 | 43 | 285 | 38 | 2 | — | — | — | — |
| Warminster | 1861 | 27 | 14 | 5 | — | 28 | 315 | 8 | 4 | — | — | — | — |
| Warrington | 1853 | 179 | 47 | 26 | 6 | 115 | 862 | 77 | 22 | — | — | 1 | 1 |
| Watford | 1874 | 120 | 60 | 27 | 2 | 49 | 483 | 25 | 6 | — | — | — | — |
| Winchester | 1870 | 123 | 53 | 26 | 4 | 103 | 654 | 62 | 8 | — | — | — | — |
| Wolverhampton | 1854 | 169 | 61 | 16 | 4 | 96 | 353 | 82 | 13 | — | — | — | — |
| Worcester | 1851 | 158 | 53 | 34 | 10 | 81 | 306 | 58 | 20 | — | — | — | — |
| Yarmouth | 1857 | 145 | 117 | 60 | 28 | 80 | 999 | 77 | 17 | — | — | 1 | 3 |
| York | 1842 | 181 | 71 | 28 | 3 | 129 | 385 | 108 | 12 | — | — | — | — |
| Totals for 1875, 137 Schools | — | 26,538 | 10,202 | 4,530* | 1123* | 14894 | 101366 | 12,072 | 1755 | 10 | 35 | 74 | 79 |
| Totals for 1874, 132 Schools | — | 24,138 | 10,265 | 5,190 | 1480 | 13306 | 92,058 | 10,328 | 1213 | 9 | 28 | 63 | 100 |
| Totals for 1873, 124 Schools | — | 23,368 | 9,904 | 4,630 | 1448 | 13132 | 90,589 | 9,823 | 1159 | 10 | 34 | 73 | 96 |
| Totals for 1872, 122 Schools | — | 22,854 | 10,451 | 4,147 | 1330 | 11184 | 73,542 | 8,078 | 877 | 10 | 30 | 60 | 103 |
| Totals for 1871, 117 Schools | — | 21,155 | 9,785 | 3,694 | 1153 | 10846 | 65,425 | 8,050 | 804 | 9 | 25 | 66 | 100 |
| Totals for 1870, 117 Schools | — | 20,290 | 9,195 | 5,326 | 1683 | 9,452 | 56,857 | 7,212 | 911 | 10 | 23 | 58 | 87 |
| Totals for 1869, 107 Schools | — | 19,864 | 7,841 | 4,360 | 1079 | 7,686 | 50,060 | 6,197 | 711 | 10 | 20 | 51 | 101 |
| Totals for 1868, 103 Schools | — | 18,474 | 6,478 | 3,961 | 1197 | 6,824 | 51,232 | 3,098 | 486 | 10 | 20 | 50 | 47 |
| Totals for 1867, 98 Schools | — | 17,341 | 5,892 | 3,074 | 884 | 5,580 | 35,002 | 2,212 | 516 | 10 | 20 | 51 | 33 |
| Totals for 1866, 99 Schools | — | 18,139 | 5,482 | 2,508 | 890 | 3,426 | 17,508 | 2,023 | 767 | 10 | 20 | 50 | 33 |

* In addition to these numbers, 1,898 persons not being students in Schools of Art were successful in the examination, 249 of whom obtained prizes.

10. TABLE (G.) showing the TOTAL INCOME of SCHOOLS of ART, and the AMOUNT of FEES paid during the Year ending the 31st July 1875, by the various Classes of Persons under Instruction in Drawing, in the Metropolitan and Provincial Schools of Art.

| School of Art. | From Subscriptions, Department Aid, and other Sources. | Fees paid | | | Total Fees. | Total Income. |
|---|---|---|---|---|---|---|
| | | By Private Schools. | Schools of Art. | | | |
| | | | By Morning Classes. | By Evening Classes. | | |
| | £ s. d. | £ s. d. | £ s. d. | £ s. d. | £ s. d. | £ s. d. |
| Aberdeen | 174 11 0 | — | 53 18 11 | 140 17 7 | 199 16 6 | 374 7 6 |
| Andover | 65 0 0 | — | 24 12 0 | 14 10 0 | 39 2 0 | 104 2 0 |
| Barnsley | 100 0 0 | — | 35 8 6 | 47 1 0 | 82 9 6 | 182 9 6 |
| Barrow-in-Furness | 101 5 0 | — | 25 6 5 | 54 11 3 | 79 17 8 | 181 2 8 |
| Bath | 87 14 7 | — | 216 16 1 | 53 18 6 | 270 14 7 | 358 9 2 |
| Belfast | 343 18 0 | — | *No report.* | | 435 1 7 | 778 19 7 |
| Berwick-on-Tweed | 107 17 0 | — | 34 19 0 | 16 0 0 | 50 19 0 | 158 16 0 |
| Birkenhead | 369 14 6 | — | 188 7 0 | 194 19 9 | 383 6 9 | 753 1 3 |
| Birmingham | 674 16 0 | — | 537 4 3 | 488 14 7 | 1,025 18 10 | 1,700 14 10 |
| Boston | 54 3 0 | — | 81 10 0 | 51 6 0 | 132 16 0 | 186 19 0 |
| Bradford (Mech. Inst.). | 149 3 0 | — | 154 19 9 | 63 11 11 | 218 11 8 | 367 14 8 |
| Bradford (Ch. Inst.). | 84 9 0 | — | 24 18 6 | 30 18 0 | 55 16 6 | 140 5 6 |
| Bradford Gram. Sch. | 55 17 8 | — | 169 19 0 | 23 17 2 | 193 16 2 | 249 13 10 |
| Bridport | 98 5 5 | — | 72 11 0 | 29 7 9 | 101 18 9 | 200 4 2 |
| Brighton | 163 1 0 | — | 322 7 0 | 73 0 0 | 395 7 0 | 558 8 0 |
| Bristol | 195 6 3 | — | 361 15 0 | 93 0 6 | 454 15 6 | 650 1 9 |
| Bromsgrove | 57 11 0 | — | 58 5 0 | 16 9 6 | 74 14 6 | 132 5 6 |
| Burslem | 191 3 9 | — | 11 9 0 | 63 19 0 | 75 8 0 | 266 11 9 |
| Cambridge | 96 16 6 | — | 117 14 6 | 34 0 6 | 151 15 0 | 248 11 6 |
| Cardiff | 139 6 0 | — | 15 5 0 | 82 5 0 | 97 10 0 | 236 16 0 |
| Carlisle | 107 15 7 | — | 66 2 6 | 71 18 6 | 138 1 0 | 245 16 7 |
| Carnarvon | 54 18 0 | 70 0 0 | 8 8 0 | 14 10 6 | 92 18 6 | 147 16 6 |
| Cheltenham | 122 12 0 | — | 121 11 0 | 41 17 6 | 163 8 6 | 286 0 6 |
| Chester | 68 6 0 | — | 52 19 6 | 47 1 0 | 100 0 6 | 168 6 6 |
| Cirencester | 47 15 6 | — | 53 1 0 | 34 13 0 | 87 14 0 | 135 9 6 |
| Clonmel | 10 0 0 | — | 17 1 5 | 15 4 7 | 32 6 0 | 42 6 0 |
| Coalbrookdale | 87 1 0 | — | 30 3 0 | 43 0 6 | 73 3 6 | 160 4 6 |
| Coleford | 40 11 3 | — | 36 7 6 | 15 9 4 | 51 16 10 | 92 8 1 |
| Cork | 259 10 10 | — | 168 5 0 | 62 0 0 | 230 5 0 | 489 15 10 |
| Coventry | 295 1 3 | 20 0 0 | 51 12 0 | 80 13 6 | 152 5 6 | 447 6 9 |
| Croydon | 54 0 0 | — | 253 14 3 | 55 8 6 | 309 2 9 | 363 2 9 |
| Darlington | 157 0 2 | 104 0 0 | 64 6 6 | 84 5 6 | 252 12 0 | 409 12 2 |
| Derby | 191 0 0 | 50 0 0 | 158 11 0 | 122 18 0 | 331 9 0 | 522 9 0 |
| Devizes | 66 6 4 | 31 10 0 | 70 10 0 | 9 14 6 | 111 14 6 | 178 0 10 |
| Dollar | 13 4 2 | — | 81 18 0 | 6 15 0 | 88 13 0 | 101 17 2 |
| Dorchester | 40 10 6 | — | 82 16 0 | 13 15 0 | 96 11 0 | 137 1 6 |
| Dover | 63 18 0 | — | 117 15 0 | 16 19 6 | 134 14 6 | 198 12 6 |
| Dublin (Queen's Institute). | 67 12 6 | — | 125 0 0 | — | 125 0 0 | 192 12 6 |
| " (Royal Society). | 467 2 9 | — | 371 2 1 | 75 9 10 | 446 11 11 | 913 14 8 |
| Dudley | 247 19 10 | — | 56 10 6 | 85 16 3 | 142 6 9 | 390 6 7 |
| Dumfries | 75 6 0 | — | 18 5 6 | 25 13 0 | 43 18 6 | 119 4 6 |
| Dundee | 91 9 0 | — | 452 19 0 | 126 5 0 | 579 4 0 | 670 13 0 |
| Durham | 47 1 6 | — | 178 1 6 | 45 16 0 | 223 17 6 | 270 19 0 |
| Edinburgh { Male | 562 19 0 | — | 142 5 0 | 252 10 0 | 394 15 0 | 957 14 0 |
| Edinburgh { Fem. | 257 10 0 | — | 341 15 0 | 73 15 0 | 415 10 0 | 673 0 0 |
| Exeter | 146 17 0 | — | 260 11 0 | 176 11 6 | 437 2 6 | 583 19 6 |
| Farnham | 34 15 6 | — | 62 19 0 | 52 15 0 | 115 14 0 | 150 9 6 |

Appendix C.

TABLE OF FEES.

TABLE showing the Amount of Fees paid during the Year, &c.—*cont.*

| School of Art. | From Subscriptions, Department Aid, and other Sources. | Fees paid | | | Total Income. |
|---|---|---|---|---|---|
| | | By Private Schools. | Schools of Art. | | |
| | | | By Morning Classes. | By Evening Classes. | Total Fees. | |
| | £ s. d. | £ s. d. | £ s. d. | £ s. d. | £ s. d. | £ s. d. |
| Frome | 53 12 0 | 41 0 0 | 40 0 0 | 20 8 0 | 101 8 0 | 155 0 0 |
| Glasgow | 560 4 6 | — | 774 3 3 | 577 11 6 | 1,351 14 9 | 1,911 19 3 |
| Gloucester | 92 4 0 | — | 274 1 6 | 70 19 0 | 345 0 6 | 437 4 6 |
| Halifax | 124 19 0 | 145 0 0 | 21 10 0 | 37 10 0 | 204 0 0 | 328 19 0 |
| Hanley | 430 3 6 | — | 44 4 0 | 112 14 6 | 156 18 6 | 587 2 0 |
| Hartlepool | 47 0 10 | — | 18 7 6 | 40 9 8 | 58 17 2 | 105 18 0 |
| Huddersfield | 68 12 0 | — | 30 0 0 | 35 0 0 | 65 0 0 | 133 12 0 |
| Hull | 66 10 0 | — | 196 18 9 | 70 19 3 | 267 18 0 | 334 8 0 |
| Inverness | 41 14 0 | — | 37 12 0 | 18 13 6 | 56 5 6 | 97 19 6 |
| Ipswich | 84 0 0 | — | 85 19 6 | 47 14 6 | 133 14 0 | 217 14 0 |
| Keighley | 116 18 0 | 80 0 0 | 25 0 0 | 35 12 6 | 140 12 6 | 257 10 6 |
| Kendal | 49 4 0 | — | 52 6 0 | 37 0 6 | 89 6 6 | 138 10 6 |
| Kidderminster | 267 11 0 | 50 0 0 | 59 4 9 | 71 18 3 | 181 3 0 | 448 14 0 |
| Kilmarnock | 108 7 0 | — | 73 10 6 | 40 16 0 | 114 6 6 | 222 13 6 |
| Lancaster | 82 15 0 | 42 0 0 | 133 19 5 | 65 19 6 | 241 18 11 | 324 13 11 |
| Leamington | 82 15 0 | — | 133 6 3 | 54 4 6 | 187 10 9 | 270 5 9 |
| Leeds | 313 9 0 | — | 198 17 6 | 137 19 6 | 336 17 0 | 650 6 0 |
| Leicester | 257 4 0 | — | 34 10 0 | 174 11 11 | 209 1 11 | 466 5 11 |
| Lewes | 37 3 0 | — | 109 0 0 | 14 2 0 | 123 2 0 | 160 5 0 |
| Limerick | 67 18 0 | — | 62 8 0 | 89 8 0 | 151 16 0 | 219 14 0 |
| Lincoln | 300 16 2 | 12 0 0 | 177 6 8 | 122 13 0 | 311 19 8 | 612 15 10 |
| Liverpool, N. Dist. with branch at St. Augustine's. | 69 9 0 | 103 12 0 | 268 2 6 | 66 5 11 | 438 0 5 | 507 9 5 |
| Liverpool, S. Dist. | 150 18 0 | 135 0 0 | 191 11 6 | 140 17 2 | 467 8 8 | 618 6 8 |
| Londonderry | 179 15 0 | — | 28 15 0 | 3 10 6 | 32 5 6 | 212 0 6 |
| Macclesfield | 116 13 6 | 75 5 6 | 10 16 0 | 28 4 8 | 114 6 2 | 230 19 8 |
| Manchester (Royal Institution). | 576 4 0 | — | 831 0 0 | 315 14 9 | 1,146 14 9 | 1,722 18 9 |
| " (Grammar School). | 189 5 0 | — | 482 0 0 | 66 10 6 | 548 10 6 | 737 15 6 |
| Metropolitan :— | | | | | | |
| Bloomsbury | 292 4 0 | — | 992 1 10 | 48 7 0 | 1,040 8 10 | 1,332 12 10 |
| Islington | 39 19 0 | — | 35 1 3 | 50 0 6 | 85 1 9 | 125 0 9 |
| Lambeth | 270 10 0 | — | 274 0 0 | 180 0 0 | 454 0 0 | 724 10 0 |
| North London | 166 6 0 | — | 181 13 0 | 167 10 3 | 349 3 3 | 515 9 3 |
| St. Martin's | 157 9 0 | — | — | 177 6 0 | 177 6 0 | 334 15 0 |
| St. Thomas', Charterhouse. | 150 17 0 | — | 42 15 6 | 50 6 6 | 93 2 0 | 243 19 0 |
| City and Spitalfields. | 148 15 0 | — | 34 18 9 | 135 7 6 | 170 6 3 | 319 1 3 |
| South Kensington. | — | — | 2388 10 0 | 302 16 0 | 2,691 6 0 | 2,691 6 0 |
| Stratford | 50 15 0 | — | 142 4 0 | 34 6 0 | 176 10 0 | 227 5 0 |
| West London | 327 19 0 | — | 221 15 9 | 383 5 8 | 605 1 5 | 933 0 5 |
| Westminster | 83 1 0 | — | — | 55 13 0 | 55 13 0 | 138 14 0 |
| Middlesbro' | 60 19 0 | — | 16 10 0 | 35 10 0 | 52 0 0 | 112 19 0 |
| Monmouth | 31 17 0 | — | 22 0 0 | 37 16 9 | 59 16 9 | 91 13 9 |
| Newcastle-under-Lyme. | 111 13 8 | 25 0 0 | 12 0 0 | 30 0 0 | 67 0 0 | 178 13 8 |
| Newcastle-upon-Tyne. | 242 6 0 | — | 212 11 6 | 92 19 0 | 305 10 6 | 547 16 6 |
| Northampton | 151 2 0 | — | 9 3 0 | 48 12 4 | 57 15 4 | 208 17 4 |
| Norwich | 143 18 6 | — | 106 3 6 | 52 17 6 | 159 1 0 | 302 19 6 |
| Nottingham | 527 10 11 | 8 1 0 | 252 5 0 | 285 19 0 | 546 5 0 | 1,073 15 11 |
| Oxford | 95 10 0 | — | 25 4 0 | 26 2 0 | 51 6 0 | 146 16 0 |
| Paisley | 51 3 0 | — | 30 0 0 | 22 6 0 | 52 6 0 | 103 9 0 |
| Penzance | 113 2 0 | 91 19 0 | 31 10 0 | 75 3 9 | 198 12 9 | 311 14 9 |
| Perth | 68 12 0 | — | 167 13 9 | 36 7 0 | 204 0 9 | 272 12 9 |

TABLE showing the Amount of Fees paid during the Year, &c.—*cont.*

| School of Art. | From Subscriptions, Department Aid, and other Sources. | Fees paid | | | Total Income. |
|---|---|---|---|---|---|
| | | By Private Schools. | Schools of Art. | | |
| | | | By Morning Classes. | By Evening Classes. | Total Fees. | |
| | £ s. d. | £ s. d. | £ s. d. | £ s. d. | £ s. d. | £ s. d. |
| Portsmouth, with branch at Gosport. | 200 0 0 | — | 148 7 6 | 82 3 0 | 230 10 6 | 430 10 6 |
| Preston | 103 17 0 | 210 10 0 | 75 14 9 | 37 7 0 | 323 11 9 | 427 8 9 |
| Reading | 94 19 0 | — | 42 18 0 | 53 5 0 | 96 3 0 | 191 2 0 |
| Redditch | 47 6 0 | — | 29 9 0 | 13 5 3 | 42 14 3 | 90 0 3 |
| Rotherham | 29 19 0 | — | — | 28 6 0 | 28 6 0 | 58 5 0 |
| Ryde | 102 14 0 | — | 154 8 6 | 32 2 0 | 186 10 6 | 289 4 6 |
| Salisbury | 174 5 0 | 10 0 0 | 86 12 0 | 92 19 0 | 189 11 0 | 363 16 0 |
| Saltaire | 109 1 6 | — | 12 11 0 | 14 17 4 | 27 8 4 | 136 9 10 |
| Selby | 71 4 6 | — | 54 19 3 | 20 12 0 | 75 11 3 | 146 15 9 |
| Sheffield and Attercliffe. | 627 11 7 | — | 131 12 6 | 252 0 9 | 383 13 3 | 1,011 4 10 |
| Shrewsbury | 81 13 5 | — | 41 14 6 | 64 5 0 | 105 19 6 | 187 12 11 |
| Southampton (Hartley Inst). | 67 19 0 | — | 44 2 5 | 24 17 3 | 68 19 8 | 136 18 8 |
| Southampton (Philharmonic Hall). | 111 14 10 | — | 100 9 6 | 51 4 6 | 151 14 0 | 263 8 10 |
| Stafford | 48 3 11 | — | 44 1 9 | 34 1 9 | 78 3 6 | 126 7 5 |
| Stirling | 33 11 0 | — | 121 10 0 | 9 13 0 | 131 3 0 | 164 14 0 |
| Stoke-on-Trent | 229 6 0 | — | 18 0 0 | 68 7 6 | 86 7 6 | 315 13 6 |
| Stourbridge | 121 11 0 | 85 15 0 | 29 8 0 | 63 15 0 | 178 18 0 | 300 9 0 |
| Stroud | 35 14 2 | — | 84 9 6 | 8 19 6 | 93 9 0 | 129 3 2 |
| Sunderland | 112 5 0 | — | 132 0 0 | 50 16 0 | 182 16 0 | 295 1 0 |
| Swansea | 82 8 0 | — | 68 4 0 | 47 16 0 | 116 0 0 | 198 8 0 |
| Taunton | 50 15 0 | 192 0 0 | 155 11 0 | 26 19 0 | 374 10 0 | 425 5 0 |
| Tavistock | 2 11 0 | — | 112 0 0 | 8 0 0 | 120 0 0 | 122 11 0 |
| Torquay | 101 16 0 | — | 149 10 0 | 37 2 0 | 186 12 0 | 288 8 0 |
| Trowbridge | 62 16 0 | — | 45 2 0 | 17 10 6 | 62 12 6 | 125 8 6 |
| Truro | 43 4 0 | 20 10 3 | 60 13 3 | 19 5 6 | 100 9 0 | 143 13 0 |
| Wakefield | 192 18 0 | — | 98 2 0 | 67 11 3 | 165 13 3 | 358 11 3 |
| Walsall, Athenæum Buildings. | 126 11 3 | — | 40 11 6 | 78 11 6 | 119 3 0 | 245 14 3 |
| Walsall, Station Street. | 115 8 0 | — | 2 2 0 | 18 10 0 | 20 12 0 | 136 0 0 |
| Warminster | 8 11 5 | — | 33 16 6 | 4 7 6 | 38 4 0 | 46 15 5 |
| Warrington | 118 12 0 | — | 173 11 6 | 52 19 0 | 226 10 6 | 345 2 6 |
| Watford | 17 11 0 | — | 128 14 3 | 21 17 0 | 150 11 3 | 168 2 3 |
| Winchester | 121 3 0 | — | 123 19 7 | 42 1 3 | 166 0 10 | 287 3 10 |
| Wolverhampton | 168 11 0 | 93 1 6 | 98 10 0 | 59 10 0 | 251 1 6 | 419 12 6 |
| Worcester | 245 7 11 | — | *No report.* | | 136 3 1 | 381 10 0 |
| Yarmouth, Great | 260 13 0 | 23 0 0 | 69 11 0 | 54 1 0 | 146 12 0 | 407 5 0 |
| York | 176 18 6 | — | 66 8 3 | 112 3 0 | 178 11 3 | 355 9 0 |
| Grand Totals. For 1875 | 19,107 6 11 | 1,719 4 3 | 18,328 2 7 | 9,720 6 2 | 30,338 17 8 | 49,446 4 7 |
| For 1874 | 17,754 9 5 | 2,037 12 11 | 16,054 18 10 | 9,033 6 4 | 27,213 11 7 | 44,968 1 0 |
| For 1873 | 18,276 2 5 | 1,868 10 3 | 15,143 3 6 | 8,915 15 7 | 26,392 19 1 | 44,669 1 6 |
| For 1872 | 17,916 11 7 | 2,115 12 7 | 14,639 15 9 | 7,929 16 5 | 24,836 15 3 | 42,753 6 10 |
| For 1871 | 16,912 12 11 | 1,904 3 6 | 14,026 11 6 | 7,501 17 9 | 23,432 12 9 | 40,345 5 8 |
| For 1870 | 16,410 6 11 | 1,798 19 6 | 12,843 17 1 | 6,825 11 9 | 21,468 8 4 | 37,878 15 3 |
| For 1869 | 13,943 9 3 | 1,452 18 0 | 12,097 1 7 | 6,650 19 2 | 20,200 18 9 | 34,144 8 8 |
| For 1868 | 13,440 13 6 | 1,547 1 3 | 10,616 12 8 | 6,352 3 1 | 18,515 17 0 | 31,956 10 6 |
| For 1867 | 9,192 0 11 | 2,152 0 9 | 8,505 18 3 | 7,145 12 3 | 17,803 11 3 | 26,995 12 2 |
| For 1866 | 7,966 3 4 | 2,492 0 3 | 9,878 5 11 | 6,302 2 4 | 18,677 8 6 | 26,638 11 10 |

11. TABLE (H.) showing the NUMBER of PERSONS receiving INSTRUCTION in DRAWING from TEACHERS holding DRAWING CERTIFICATES granted by the SCIENCE AND ART DEPARTMENT, during the Years 1855 to 1875.

| —— | 1855. | 1856. | 1857. | 1858. | 1859. | 1860. | 1861. | 1862. | 1863. | 1864. | 1865. | 1866. | 1867. | 1868. | 1869. | 1870. | 1871. | 1872. | 1873. | 1874. | 1875. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Public and other Elementary Schools for the Poor. | 18,988 | 22,746 | 30,802 | 65,465 | 67,490 | 74,267 | 76,303 | 71,423 | 79,845 | 94,083 | 86,967 | 80,084 | 79,411 | 93,713 | 120,928 | 147,243 | 166,456 | 194,549 | 237,733 | 298,425 | 387,640 |
| 2. Provincial Schools of Art. | 8,274 | 10,204 | 10,238 | 10,784 | 13,787 | 11,121 | 11,569 | 11,521 | 12,497 | 12,733 | 13,045 | 15,597 | 14,639 | 15,908 | 17,247 | 17,541 | 18,596 | 20,530 | 20,653 | 21,366 | 23,391 |
| 3. Metropolitan District Schools of Art (including those in connexion with the National Art Training School at South Kensington). | 610 | 602 | 778 | 1,147 | 1,309 | 1,530 | 1,791 | 2,342 | 2,522 | 2,794 | 2,657 | 2,542 | 2,702 | 2,566 | 2,617 | 2,749 | 2,559 | 2,324 | 2,715 | 2,772 | 3,147 |
| 4. Students in Training for Masters and National Scholars at South Kensington. | 79 | 106 | 71 | 62 | 64 | 68 | 50 | 59 | 52 | 42 | 39 | 37 | 44 | 53 | 41 | 59 | 62 | 61 | 56 | 59 | 59 |
| 5. Schoolmasters and Pupil-teachers. | 1,547 | 1,425 | 1,223 | 2,012 | 2,322 | 2,495 | 2,123 | 2,044 | 1,461 | 1,028 | 919 | 1,049 | 1,651 | † — | † — | † — | † — | † — | † — | † — | † — |
| 6. Night Classes for Instruction in Drawing. | — | — | — | — | — | — | — | — | — | — | — | 1,140 | 2,553 | 4,571 | 9,322 | 12,119 | 16,140 | 17,256 | 20,352 | 21,851 | 25,359 |
| 7. Private Schools, Grammar Schools, &c.* | — | — | — | — | — | — | — | — | — | — | — | 4,219 | 4,529 | 4,716 | 4,951 | 5,787 | 6,012 | 6,309 | 5,248 | 5,434 | 6,440 |
| 8. Diocesan and other Training Colleges. | — | — | — | — | — | — | — | — | — | — | — | — | — | 2,035‡ | 2,101 | 2,418 | 2,676 | 3,105 | 3,419 | 3,475 | 3,653 |
| Totals . . | 29,498 | 35,083 | 43,212 | 79,470 | 84,972 | 89,481 | 91,836 | 87,389 | 96,377 | 110,680 | 103,627 | 104,668 | 105,529 | 123,562 | 157,207 | 187,916 | 212,501 | 244,134 | 290,176 | 345,382 | 449,689 |

* Previous to the year 1866, included under head No. 1.

† Schoolmasters and Pupil-teachers are now instructed in Schools of Art, Art Night Classes, and Elementary Day Schools, and are included in the numbers given under those heads.

‡ Students in these colleges were examined in previous years, but payments in aid of their instruction were made under the regulations of this Department for the first time in 1868.

12. RETURN showing the GRANTS made by the SCIENCE and ART DEPARTMENT to SCHOOLS of ART, ART NIGHT CLASSES, DIOCESAN and other TRAINING COLLEGES, PUBLIC ELEMENTARY SCHOOLS, and for DRAWINGS executed in SCIENCE CLASSES, in 1875, exclusive of the Cost of Circulation of Art Objects, Loans of Books, Pictures, &c.—(Table I.)

| NAME OF SCHOOL OF ART. | Payments in Aid. | | | Cost of Prizes, Examples, and Fittings, &c. | | | TOTAL. | | |
|---|---|---|---|---|---|---|---|---|---|
| | £ | s. | d. | £ | s. | d. | £ | s. | d. |
| Aberdeen | 205 | 15 | 6 | 23 | 12 | 11 | 229 | 8 | 5 |
| Andover | 58 | 0 | 0 | 5 | 13 | 4 | 63 | 13 | 4 |
| Barnsley | 45 | 1 | 0 | 5 | 12 | 5 | 50 | 13 | 5 |
| Barrow-in-Furness | 74 | 1 | 0 | 24 | 4 | 7 | 98 | 5 | 7 |
| Bath | 101 | 19 | 6 | 24 | 17 | 1 | 126 | 16 | 7 |
| Belfast | 143 | 7 | 0 | 50 | 15 | 9 | 194 | 2 | 9 |
| Berwick-on-Tweed | 118 | 12 | 9 | 15 | 17 | 10 | 134 | 10 | 7 |
| Birkenhead | 214 | 7 | 0 | 21 | 9 | 8 | 235 | 16 | 8 |
| Birmingham | 505 | 16 | 10 | 130 | 9 | 8 | 636 | 6 | 6 |
| Boston | 49 | 3 | 0 | 10 | 5 | 8 | 59 | 8 | 8 |
| Bradford (Grammar School) | 32 | 5 | 9 | 28 | 11 | 7 | 60 | 17 | 4 |
| „ (Mechanics' Institute) | 174 | 19 | 0 | 15 | 18 | 8 | 190 | 17 | 8 |
| Bradford Church Inst. | 108 | 11 | 0 | 15 | 5 | 0 | 123 | 16 | 0 |
| Bridport | 108 | 10 | 6 | 18 | 4 | 6 | 126 | 15 | 0 |
| Brighton | 171 | 0 | 0 | 43 | 17 | 6 | 214 | 17 | 6 |
| Bristol | 120 | 2 | 9 | 23 | 15 | 9 | 143 | 18 | 6 |
| Bromsgrove | 40 | 1 | 4 | 3 | 6 | 9 | 43 | 8 | 1 |
| Burslem | 144 | 13 | 6 | 25 | 6 | 11 | 170 | 0 | 5 |
| Cambridge | 53 | 15 | 6 | 11 | 15 | 0 | 65 | 10 | 6 |
| Cardiff | 69 | 6 | 0 | 8 | 18 | 10 | 78 | 4 | 10 |
| Carlisle | 72 | 3 | 9 | 30 | 0 | 4 | 102 | 4 | 1 |
| Carnarvon | 19 | 18 | 0 | 2 | 10 | 0 | 22 | 8 | 0 |
| Cheltenham | 64 | 2 | 0 | 4 | 2 | 2 | 68 | 4 | 2 |
| Chester | 68 | 6 | 0 | 8 | 0 | 11 | 76 | 6 | 11 |
| Cirencester | 52 | 17 | 0 | 15 | 4 | 0 | 68 | 1 | 0 |
| Clonmel | 16 | 11 | 0 | 1 | 16 | 2 | 18 | 7 | 2 |
| Coalbrookdale | 74 | 19 | 8 | 7 | 11 | 2 | 82 | 10 | 10 |
| Coleford | 13 | 4 | 0 | 2 | 17 | 0 | 16 | 1 | 0 |
| Cork | 95 | 11 | 10 | 26 | 14 | 8 | 122 | 6 | 6 |
| Coventry | 124 | 8 | 0 | 20 | 4 | 11 | 144 | 12 | 11 |
| Croydon | 54 | 0 | 0 | 13 | 1 | 5 | 67 | 1 | 5 |
| Darlington | 82 | 2 | 0 | 3 | 19 | 2 | 86 | 1 | 2 |
| Derby | 220 | 8 | 0 | 62 | 0 | 11 | 282 | 8 | 11 |
| Devizes | 41 | 6 | 4 | 9 | 16 | 6 | 51 | 2 | 10 |
| Dollar | 0 | 10 | 0 | | — | | 0 | 10 | 0 |
| Dorchester | 25 | 2 | 0 | 9 | 10 | 7 | 34 | 12 | 7 |
| Dover | 52 | 8 | 0 | 6 | 14 | 10 | 59 | 2 | 10 |
| Dublin, Queen's Institute | 85 | 3 | 9 | 13 | 10 | 8 | 98 | 14 | 5 |
| „ Royal Society | 151 | 1 | 6 | 37 | 18 | 3 | 188 | 19 | 9 |
| Dudley | 97 | 3 | 9 | 29 | 6 | 9 | 126 | 10 | 6 |
| Dumfries | 17 | 6 | 0 | 1 | 10 | 7 | 18 | 16 | 7 |
| Dundee | 77 | 5 | 7 | 11 | 6 | 8 | 88 | 12 | 3 |
| Durham | 27 | 10 | 0 | 6 | 19 | 10 | 34 | 9 | 10 |
| Edinburgh (Male) | 241 | 18 | 0 | 68 | 8 | 11 | 310 | 6 | 11 |
| „ (Female) | 118 | 15 | 0 | 30 | 18 | 9 | 149 | 13 | 9 |
| Exeter | 160 | 0 | 4 | 4 | 9 | 1 | 164 | 9 | 5 |
| Farnham | 19 | 19 | 0 | 8 | 5 | 4 | 28 | 4 | 4 |

Appendix C.

GRANTS TO SCHOOLS OF ART.

Return of Grants, &c.—*continued.*

| NAME OF SCHOOL OF ART. | Payments in Aid. | | | Cost of Prizes, Examples, and Fittings, &c. | | | TOTAL. | | |
|---|---|---|---|---|---|---|---|---|---|
| | £ | s. | d. | £ | s. | d. | £ | s. | d. |
| Frome | 35 | 17 | 3 | 3 | 10 | 9 | 39 | 8 | 0 |
| Glasgow | 370 | 2 | 6 | 43 | 7 | 9 | 413 | 10 | 3 |
| Gloucester | 96 | 13 | 0 | 24 | 19 | 5 | 121 | 12 | 5 |
| Halifax | 111 | 4 | 0 | 10 | 7 | 0 | 121 | 11 | 0 |
| Hanley | 229 | 19 | 7 | 36 | 11 | 4 | 266 | 10 | 11 |
| Hartlepool | 23 | 6 | 0 | 5 | 14 | 10 | 29 | 0 | 10 |
| Huddersfield | 68 | 12 | 0 | 8 | 6 | 10 | 76 | 18 | 10 |
| Hull | 66 | 10 | 0 | 8 | 14 | 3 | 75 | 4 | 3 |
| Inverness | 26 | 4 | 0 | 0 | 10 | 0 | 26 | 14 | 0 |
| Ipswich | 78 | 10 | 0 | 12 | 7 | 3 | 90 | 17 | 3 |
| Keighley | 155 | 19 | 0 | 29 | 6 | 6 | 185 | 5 | 6 |
| Kendal | 55 | 7 | 0 | 5 | 0 | 8 | 60 | 7 | 8 |
| Kidderminster | 224 | 9 | 3 | 44 | 13 | 1 | 269 | 2 | 4 |
| Kilmarnock | 100 | 9 | 6 | 17 | 12 | 2 | 118 | 1 | 8 |
| Lancaster | 103 | 5 | 6 | 27 | 9 | 2 | 130 | 14 | 8 |
| Leamington | 87 | 0 | 5 | 22 | 8 | 10 | 109 | 9 | 3 |
| Leeds | 271 | 2 | 0 | 31 | 11 | 8 | 302 | 13 | 8 |
| Leicester | 160 | 9 | 0 | 22 | 4 | 9 | 182 | 13 | 9 |
| Lewes | *417 | 16 | 8 | 35 | 8 | 2 | 453 | 4 | 10 |
| Limerick | 67 | 18 | 0 | 9 | 11 | 9 | 77 | 9 | 9 |
| Lincoln | 238 | 1 | 6 | 67 | 6 | 9 | 305 | 8 | 3 |
| Liverpool (North District) | 79 | 8 | 0 | 5 | 18 | 10 | 85 | 6 | 10 |
| „ (South District) | 166 | 1 | 6 | 26 | 3 | 0 | 192 | 4 | 6 |
| Londonderry | | — | | 24 | 7 | 7 | 24 | 7 | 7 |
| Macclesfield | 91 | 12 | 0 | 15 | 18 | 11 | 107 | 10 | 11 |
| Manchester (Grammar School) | 256 | 9 | 0 | 49 | 8 | 5 | 305 | 17 | 5 |
| „ (Royal Institution) | 266 | 18 | 0 | 51 | 10 | 3 | 318 | 8 | 3 |
| Metropolitan:— | | | | | | | | | |
| Bloomsbury, Female | 253 | 2 | 0 | 56 | 17 | 5 | 309 | 19 | 5 |
| City and Spitalfields, Primrose St. | 126 | 10 | 0 | 10 | 3 | 8 | 136 | 13 | 8 |
| Islington, 21, Cross Street | 39 | 19 | 0 | 6 | 5 | 0 | 46 | 4 | 0 |
| Lambeth, Miller's Lane | 303 | 11 | 6 | 30 | 15 | 1 | 334 | 6 | 7 |
| North London, Sandringham Rd. | 158 | 6 | 0 | 32 | 0 | 5 | 190 | 6 | 5 |
| St. Martin's, Castle Street | 177 | 9 | 0 | 18 | 9 | 1 | 195 | 18 | 1 |
| St. Thomas', Charterhouse | 161 | 7 | 0 | 19 | 12 | 10 | 180 | 19 | 10 |
| South Kensington | | — | | 106 | 5 | 2 | 106 | 5 | 2 |
| Stratford, Maryland Point | 50 | 15 | 0 | 6 | 15 | 11 | 57 | 10 | 11 |
| West London, Gt. Portland St. | 304 | 18 | 0 | 28 | 4 | 3 | 333 | 2 | 3 |
| Westminster, Hyde Place | 103 | 1 | 0 | 3 | 11 | 0 | 106 | 12 | 0 |
| Middlesbro'-on-Tees | 66 | 12 | 6 | 11 | 3 | 1 | 77 | 15 | 7 |
| Monmouth | 15 | 2 | 0 | 3 | 4 | 2 | 18 | 6 | 2 |
| Newcastle-under-Lyme | 60 | 17 | 8 | 10 | 13 | 7 | 71 | 11 | 3 |
| Newcastle-upon-Tyne | 231 | 12 | 6 | 29 | 0 | 7 | 260 | 13 | 1 |
| Northampton | 105 | 0 | 8 | 18 | 16 | 6 | 123 | 17 | 2 |
| Norwich | 86 | 10 | 3 | 13 | 16 | 8 | 100 | 6 | 11 |
| Nottingham | 391 | 2 | 6 | 113 | 0 | 6 | 504 | 3 | 0 |
| Oxford | 68 | 17 | 0 | 6 | 3 | 4 | 75 | 0 | 4 |
| Paisley | 61 | 3 | 0 | 6 | 19 | 10 | 68 | 2 | 10 |
| Penzance | 62 | 2 | 0 | 7 | 5 | 3 | 69 | 7 | 3 |
| Perth | 64 | 12 | 0 | 7 | 9 | 7 | 72 | 1 | 7 |
| Portsmouth and Gosport | 151 | 7 | 0 | 36 | 11 | 9 | 187 | 18 | 9 |
| Preston | 104 | 7 | 0 | 5 | 5 | 1 | 109 | 12 | 1 |
| Reading | 74 | 19 | 6 | 11 | 0 | 9 | 86 | 0 | 3 |

* Includes a building grant of 364*l.*

Return of Grants, &c.—*continued.*



| NAME OF SCHOOL OF ART. | Payments in Aid. | | | Cost of Prizes, Examples, and Fittings, &c. | | | TOTAL. | | |
|---|---|---|---|---|---|---|---|---|---|
| | £ | s. | d. | £ | s. | d. | £ | s. | d. |
| Redditch | 26 | 7 | 0 | 2 | 10 | 0 | 28 | 17 | 0 |
| Rotherham | 55 | 8 | 6 | 7 | 4 | 4 | 62 | 12 | 10 |
| Ryde | *555 | 15 | 6 | 28 | 3 | 7 | 583 | 19 | 1 |
| Salisbury | 169 | 3 | 6 | 35 | 17 | 2 | 205 | 0 | 8 |
| Saltaire | 96 | 6 | 10 | 8 | 5 | 9 | 104 | 12 | 7 |
| Selby | 53 | 15 | 4 | 5 | 0 | 6 | 58 | 15 | 10 |
| Sheffield and Attercliffe | 230 | 4 | 10 | 64 | 12 | 11 | 294 | 17 | 9 |
| Shrewsbury | 27 | 10 | 6 | 6 | 1 | 8 | 33 | 12 | 2 |
| Southampton, Hartley Institute | 82 | 19 | 0 | 7 | 7 | 3 | 90 | 6 | 3 |
| „ Philharmonic Hall | 125 | 16 | 10 | 21 | 11 | 6 | 147 | 8 | 4 |
| Stafford | 23 | 16 | 0 | 0 | 19 | 8 | 24 | 15 | 8 |
| Stirling | 33 | 11 | 0 | 5 | 17 | 1 | 39 | 8 | 1 |
| Stoke-upon-Trent | 134 | 1 | 0 | 12 | 18 | 11 | 146 | 19 | 11 |
| Stourbridge | 65 | 12 | 9 | 9 | 14 | 0 | 75 | 6 | 9 |
| Stroud | 26 | 15 | 0 | 5 | 15 | 8 | 32 | 10 | 8 |
| Sunderland | 88 | 5 | 0 | 16 | 17 | 8 | 105 | 2 | 8 |
| Swansea | 66 | 18 | 0 | 3 | 19 | 2 | 70 | 17 | 2 |
| Taunton | 31 | 5 | 0 | 8 | 12 | 8 | 39 | 17 | 8 |
| Tavistock | 10 | 11 | 0 | | — | | 10 | 11 | 0 |
| Torquay | 55 | 9 | 0 | 8 | 9 | 1 | 63 | 18 | 1 |
| Trowbridge | 65 | 2 | 0 | 7 | 8 | 10 | 72 | 10 | 10 |
| Truro | 26 | 4 | 0 | 3 | 6 | 5 | 29 | 10 | 5 |
| Wakefield | 86 | 11 | 0 | 15 | 11 | 1 | 102 | 2 | 1 |
| Wallsall (Athenæum Buildings, Bridge Street). | 42 | 17 | 9 | 14 | 1 | 2 | 56 | 18 | 11 |
| Walsall (Institute, Station Road) | 30 | 8 | 0 | 12 | 16 | 10 | 43 | 4 | 10 |
| Warminster | 8 | 11 | 5 | 3 | 9 | 0 | 12 | 0 | 5 |
| Warrington | 113 | 1 | 2 | 29 | 2 | 10 | 142 | 4 | 0 |
| Watford | 19 | 6 | 0 | 47 | 12 | 10 | 66 | 18 | 10 |
| Winchester | 84 | 8 | 6 | 9 | 15 | 6 | 94 | 4 | 0 |
| Wolverhampton | 66 | 1 | 0 | 7 | 1 | 2 | 73 | 2 | 2 |
| Worcester | 89 | 9 | 0 | 22 | 8 | 7 | 111 | 17 | 7 |
| Yarmouth (Great) | 167 | 13 | 0 | 30 | 2 | 4 | 197 | 15 | 4 |
| York | 96 | 12 | 6 | 10 | 15 | 10 | 107 | 8 | 4 |
| Total Aid to Schools of Art | 14,541 | 15 | 0 | 2,658 | 10 | 5 | 17,200 | 5 | 5 |
| Aid to Night Classes (see p. 268) | 5,896 | 12 | 4 | 917 | 1 | 8 | 6,813 | 14 | 0 |
| Aid to Diocesan and other Training Colleges (see p. 266). | 428 | 10 | 0 | 250 | 3 | 0 | 678 | 13 | 0 |
| Aid to Elementary Day Schools (see p. 168). | 17,663 | 12 | 0 | 2,239 | 13 | 1 | 19,903 | 5 | 1 |
| Aid to Science Classes (see p. 296) | 345 | 18 | 3 | 13 | 17 | 1 | 359 | 15 | 4 |
| Schools not entitled to receive Payments on Results (see p. 298). | | — | | 144 | 2 | 9 | 144 | 2 | 9 |
| GRAND TOTALS for 1875 | 38,876 | 7 | 7 | 6,223 | 8 | 0 | 45,099 | 15 | 7 |
| „ for 1874 | 34,182 | 6 | 3 | 6,223 | 1 | 2 | 40,405 | 7 | 5 |
| „ for 1873 | 32,119 | 3 | 4 | 6,570 | 7 | 7 | 38,689 | 10 | 11 |

* Includes a building grant of 500*l.*

Appendix C.

BUILDING GRANTS.

## 13. BUILDING GRANTS TO SCHOOLS OF ART.—(TABLE J.)

| Year. | School. | Amount. £ | s. | d. |
|---|---|---|---|---|
| 1861 | Lambeth | 285 | 12 | 2 |
| 1863 | Coventry | 560 | 0 | 0 |
| 1865 | Lincoln | 250 | 0 | 0 |
| „ | Nottingham | 750 | 0 | 0 |
| „ | Wolverton | 500 | 0 | 0 |
| 1867 | Stoke | 422 | 5 | 0 |
| 1868 | Exeter | 500 | 0 | 0 |
| „ | Hanley | 450 | 0 | 0 |
| 1869 | Bath | 200 | 0 | 0 |
| 1870 | Burslem | 456 | 0 | 0 |
| 1871 | Belfast | 300 | 0 | 0 |
| „ | Keighley | 500 | 0 | 0 |
| „ | Kendal | 225 | 0 | 0 |
| 1872 | Lambeth | 284 | 7 | 10* |
| 1873 | Gloucester | 500 | 0 | 0 |
| „ | Southampton | 287 | 10 | 0 |
| 1874 | Stoke-on-Trent | 157 | 2 | 6 |
| „ | Watford | 238 | 12 | 6 |
| „ | Great Yarmouth | 361 | 0 | 0 |
| 1875 | Lewes | 364 | 0 | 0 |
| „ | Ryde | 500 | 0 | 0 |

* For extension of building.

ART PRIZES ISSUED, 1874.

## 14. DETAILS of PRIZES issued to ART SCHOOLS and CLASSES from 1st January to 31st December 1875.

| ART SCHOOLS. | Quantity. | Value. £ | s. | d. | Total Value. £ | s. | d. |
|---|---|---|---|---|---|---|---|
| *First grade Prizes.* | | | | | | | |
| Small Drawing Boards | 8,110 | 895 | 9 | 7 | | | |
| Universal Compasses | 3,497 | 407 | 19 | 8 | | | |
| Small Boxes of Colours | 1,669 | 166 | 18 | 0 | | | |
| Total | 13,276 | | | | 1,470 | 7 | 3 |
| *Second grade Prizes.* | | | | | | | |
| Boxes of Instruments | 1,083 | 568 | 11 | 6 | | | |
| „ Water Colours | 987 | 493 | 10 | 0 | | | |
| Drawing Boards, &c. | 156 | 72 | 16 | 0 | | | |
| Burchett's Geometry | 280 | 53 | 13 | 4 | | | |
| „ Perspective | 433 | 113 | 13 | 3 | | | |
| Puckett's Sciography | 61 | 13 | 14 | 6 | | | |
| Wornum's Analysis, and Lindley's Botany | 218 | 110 | 16 | 4 | | | |
| Cotman's Pencil Outlines | 141 | 56 | 8 | 0 | | | |
| Boxes of Crayons | 167 | 87 | 13 | 6 | | | |
| Stanley on Mathematical Instruments | 15 | 2 | 12 | 6 | | | |
| Davidson's Drawing for Machinists | 70 | 11 | 19 | 2 | | | |
| Binns' Orthographic Projection, Vol. 1. | 43 | 14 | 10 | 3 | | | |
| „ „ „ Vol. 2. | 51 | 20 | 1 | 7½ | | | |
| Total | 3,705 | | | | 1,619 | 19 | 11½ |

Details of Prizes issued—*continued.*



| | Quantity. | Value. £ | s. | d. | Total Value. £ | s. | d. |
|---|---|---|---|---|---|---|---|
| *Third grade Prizes.* | | | | | | | |
| Gullick and Timbs' Painting | 135 | 57 | 7 | 6 | | | |
| Scott's Half-Hour Lectures | 110 | 58 | 4 | 2 | | | |
| Wornum's Lectures | 70 | 27 | 8 | 4 | | | |
| Duppa's Michael Angelo | 169 | 66 | 3 | 10 | | | |
| Photographs of Raphael's Cartoons | 121 | 63 | 10 | 6 | | | |
| " " Drawings | 65 | 48 | 15 | 0 | | | |
| Bradley's Geometrical Drawing, Part I. | 22 | 11 | 14 | 8 | | | |
| " " Part II. | 10 | 5 | 6 | 8 | | | |
| Timbs' Anecdotes of Painters | 61 | 26 | 8 | 8 | | | |
| Photographs from Turner's Liber Studiorum | 218 | 196 | 4 | 0 | | | |
| Tyrwhitt's Pictorial Art | 7 | 6 | 16 | 6 | | | |
| Westmacott's Handbook of Sculpture | 22 | 9 | 16 | 2 | | | |
| Benson's Principles of the Science of Colour | 57 | 43 | 9 | 3 | | | |
| Photographs of Stothard's Designs | 44 | 39 | 12 | 0 | | | |
| Fairholt's Dictionary | 43 | 19 | 14 | 2 | | | |
| Photographs from the Wedgwood Memorial | 54 | 48 | 12 | 0 | | | |
| Penley's Sketching from Nature | 346 | 380 | 12 | 0 | | | |
| Redgrave's Dictionary of Artists | 30 | 28 | 10 | 0 | | | |
| Atkinson's Art Tour | 114 | 74 | 2 | 0 | | | |
| Robinson's Italian Sculpture | 45 | 24 | 0 | 0 | | | |
| Cotman's Sepia Landscapes | 19 | 11 | 8 | 0 | | | |
| Total | 1,762 | | | | 1,247 | 15 | 5 |
| *Certificates.* | | | | | | | |
| First grade Certificate Cards | 50,551 | | | | | | |
| Second " " | 12,680 | | | | | | |
| " " Certificates | 710 | | | | | | |
| Third " " | 51 | | | | | | |
| School Teachers' Certificates | 104 | | | | | | |
| Total | 64,096 | | | | | | |
| *Queen's Prizes.* | | | | | | | |
| Gold Medals in Cases | 8 | 129 | 19 | 0 | | | |
| Silver Medals in Cases | 28 | 40 | 8 | 6 | | | |
| Bronze Medals in Cases | 57 | 18 | 17 | 7½ | | | |
| Robinson's Italian Sculpture | 5 | 6 | 10 | 0 | | | |
| Leslie's Handbook of Painting | 7 | 5 | 0 | 4 | | | |
| Works of Sir J. Reynolds, 2 vols. | 27 | 23 | 8 | 0 | | | |
| Viardot's Wonders of European Art | 3 | 2 | 18 | 6 | | | |
| Tyrwhitt's Pictorial Art | 1 | 1 | 2 | 6 | | | |
| Heaton's History of Painting | 1 | 1 | 0 | 3 | | | |
| Scott's Gothic Architecture | 1 | 0 | 16 | 9 | | | |
| Hulme's Principles of Ornamental Art | 6 | 9 | 10 | 6 | | | |
| Penley's Sketching from Nature | 7 | 14 | 0 | 0 | | | |
| Lessing's Laocoon | 1 | 0 | 19 | 0 | | | |
| Robinson's Treasures of Ornamental Art | 1 | 2 | 12 | 6 | | | |
| Burnet on Composition | 1 | 0 | 12 | 0 | | | |
| " on Light and Shade | 1 | 0 | 14 | 6 | | | |

Appendix C.

ART PRIZES ISSUED, 1874.

Details of Prizes issued—*continued.*

| | Quantity. | Value. £ s. d. | Total Value. £ s. d. |
|---|---|---|---|
| Electrotypes | 4 | 19 7 0 | |
| Photographs | 11 | 2 18 5 | |
| Total | 170 | | 280 15 4½ |
| **TRAINING COLLEGES.** | | | |
| *Second grade Prizes.* | | | |
| Boxes of Instruments | 172 | 90 6 0 | |
| „ Water Colours | 153 | 76 10 0 | |
| Drawing Boards, &c. | 15 | 7 0 0 | |
| Burchett's Geometry | 32 | 6 2 8 | |
| „ Perspective | 78 | 20 9 6 | |
| Puckett's Sciography | 5 | 1 2 6 | |
| Wornum's Analysis and Lindley's Botany | 16 | 8 2 8 | |
| Cotman's Pencil Outlines | 13 | 5 4 0 | |
| Boxes of Crayons | 33 | 17 6 6 | |
| Stanley on Mathematical Instruments | 6 | 1 1 0 | |
| Davidson's Drawing for Machinists | 9 | 1 10 9 | |
| Binns' Orthographic Projection, Vol. 1 | 2 | 0 13 6 | |
| Total | 534 | | 235 9 1 |
| *Certificates.* | | | |
| Second grade Certificate Cards | 1,755 | | |
| School Teachers' Certificates | 430 | | |
| Second Grade Certificates | 2 | | |
| Total | 2,187 | | |
| **TEACHERS AND PUPIL-TEACHERS.** | | | |
| *Second grade Prizes.* | | | |
| Boxes of Instruments | 5 | 2 12 6 | |
| „ of Water-Colours | 6 | 3 0 0 | |
| Drawing Boards, &c. | 1 | 0 9 4 | |
| Burchett's Geometry | 1 | 0 3 10 | |
| „ Perspective | 1 | 0 5 3 | |
| Puckett's Sciography | 1 | 0 4 6 | |
| Wornum's Analysis and Lindley's Botany | 1 | 0 10 2 | |
| Cotman's Pencil Outlines | 5 | 2 0 0 | |
| Boxes of Crayons | 2 | 1 1 0 | |
| Total | 23 | | 10 6 7 |
| *Certificates.* | | | |
| Second grade Certificate Cards | 59 | | |
| School Teachers' Certificates | 216 | | |
| | 275 | | |
| Total Art Prizes and Certificates | 86,028 | | 4,864 13 8 |

15. AID BY EXAMPLES, APPARATUS, and FITTINGS, granted to SCHOOLS of ART, ART NIGHT CLASSES, ELEMENTARY DAY SCHOOLS, TRAINING COLLEGES, and MECHANICS' and other INSTITUTIONS for ARTISANS, &c.—(Table L.) Appendix C. AID BY ART EXAMPLES.

*Abbreviations.*—Bd. Board. B. British. C. E. Church of England. Cong. Congregational. Est. Ch. Established Church. Epis. Episcopal. F. C. Free Church. Inst. Institution. Lit. Literary. Mech. Mechanics. Meth. Methodist. N. S. National School. Par. Parish. R. C. Roman Catholic. S. School. Soc. Society. Sess. Sessional. T. C. Training College. W. M. C. Working Men's Club. Wes. Wesleyan.

| Locality. | Name of School or Institution. | Amount of Aid. | | |
|---|---|---|---|---|
| | SCHOOLS OF ART. | | | |
| | | £ | *s.* | *d.* |
| Aberdeen | Mech. Inst. | 0 | 14 | 0 |
| " | " | 4 | 13 | 9 |
| Barrow-in-Furness | W. M. C. and Inst. | 16 | 10 | 0 |
| Bath | 33, The Paragon | 4 | 2 | 4 |
| " | " | 5 | 9 | 3 |
| Belfast | College Square North | 17 | 5 | 10 |
| " | " " | *8 | 14 | 6 |
| Berwick-on-Tweed | Sandgate | 0 | 14 | 1 |
| " | " | 3 | 8 | 3 |
| " | " | 4 | 6 | 4 |
| Bideford | Bridgeland Street | 27 | 4 | 9 |
| " | " | 8 | 10 | 7 |
| Birkenhead | Park Entrance | 4 | 6 | 0 |
| " | " | 0 | 12 | 9 |
| Birmingham | Paradise Street | 1 | 16 | 4 |
| " | " | 9 | 8 | 1 |
| " | " | 3 | 9 | 5 |
| " | " | 1 | 18 | 6 |
| " | " | 7 | 11 | 0 |
| " | " | 3 | 5 | 8 |
| Bradford | Grammar S. | 3 | 19 | 10 |
| " | " | 16 | 15 | 11 |
| " | Mech. Inst. | 0 | 19 | 4 |
| Brighton | Royal Pavilion | 6 | 15 | 0 |
| " | " | 6 | 3 | 0 |
| Burslem | Wedgwood Inst. | 0 | 14 | 0 |
| Carlisle | Mech. Hall | 15 | 15 | 0 |
| Cirencester | Corn Hall Buildings | 0 | 14 | 0 |
| Coalbrookdale | Lit. and Scientific Inst. | 0 | 14 | 1 |
| Coleford | Newland Street | 0 | 14 | 0 |
| Cork | Nelson Place | 2 | 16 | 1 |
| Darlington | Mech. Inst. | 8 | 4 | 6 |
| " | " | 4 | 18 | 5 |
| Derby | Wardwick | 22 | 9 | 11 |
| " | " | 9 | 0 | 0 |
| Devonport | Mech. Inst. | 6 | 19 | 2 |
| Dublin | Queen's Inst. | 3 | 0 | 10 |
| Dudley | Upper King Street | 2 | 17 | 4 |
| " | " | 7 | 13 | 0 |
| " | " | 5 | 8 | 0 |

* Frames.

Appendix C.

ART BY ART EXAMPLES.

Aid by Examples—*cont.*

| Locality. | Name of School or Institution. | Amount of Aid. £ s. d. |
|---|---|---|
| Edinburgh | Royal Inst. | 2 10 2 |
| Exeter | Queen Street | 0 15 4 |
| Farnham | Town Hall | 17 13 10 |
| " | " | 2 4 11 |
| Frome | North Parade | 1 13 9 |
| Glasgow | Corporation Buildings | 1 8 1 |
| " | " | 1 16 11 |
| " | " | 8 8 3 |
| Gloucester | Long Smith Street | 0 15 4 |
| " | " | 0 4 6 |
| " | " | 3 15 2 |
| Hanley | Pall Mall | 1 0 3 |
| " | " | 3 0 11 |
| Hastings and St. Leonards. | Music Hall | 11 19 3 |
| " " | " | 8 16 9 |
| " " | " | 3 3 9 |
| Ipswich | Northgate Street | 2 14 4 |
| " | " | 0 10 10 |
| Keighley | Skipton Road | 4 19 2 |
| " | " | 5 11 8 |
| " | " | 5 6 1 |
| " | " | 5 3 5 |
| Lancaster | Castle Hill, Market Street | 5 4 3 |
| " | " " | 7 17 6 |
| Leamington | 35A, Lansdowne Place | 13 10 0 |
| Leeds | Mech. Inst. | 7 10 0 |
| Leicester | Pocklington's Walk | 0 14 0 |
| Lewes | High Street | *23 8 7 |
| Lincoln | Silver Street | 7 12 7 |
| " | " | 9 18 7 |
| Londonderry | Clarendon Street | 10 2 8 |
| " | " | 14 4 11 |
| Manchester | Grammar S. | 1 7 3 |
| " | " | 6 18 3 |
| " | Royal Inst. | 4 12 6 |
| *Metropolitan:* | | |
| Islington | 21, Cross Street | 0 11 10 |
| " | " | 0 15 1 |
| Lambeth | Miller's Lane | 8 8 11 |
| " | " | *8 10 0 |
| North London | 1, Sandringham Road | 5 4 6 |
| " | " | 2 0 2 |
| St. Thomas', Charterhouse. | Goswell Road | 6 8 11 |

* Fittings.

Aid by Examples—*cont.*

| Locality. | Name of School or Institution. | Amount of Aid. £ s. d. |
|---|---|---|
| *Metropolitan—cont.* | | |
| West London | 204, Gt. Portland Street | 5 3 8 |
| ,, | ,, | 7 17 6 |
| ,, | ,, | 6 2 0 |
| ,, | ,, | 1 1 0 |
| Newcastle-on-Tyne | Museum Place | 1 4 9 |
| ,, | ,, | *13 13 0 |
| Newcastle-under-Lyme | King Street | 3 6 0 |
| ,, | ,, | 1 1 4 |
| Northampton | Abington Square | 3 13 3 |
| Nottingham | Waverley Street | †5 2 0 |
| ,, | ,, | 5 14 9 |
| Penzance | Regent House, Regent Place | 2 2 5 |
| Portsmouth | Pembroke Street | 4 17 1 |
| ,, | ,, | 1 10 7 |
| ,, | ,, | 0 14 1 |
| ,, | ,, | 5 14 9 |
| Rotherham | | 1 0 4 |
| Ryde | Town Hall | 17 18 4 |
| ,, | ,, | 1 17 5 |
| ,, | ,, | *33 10 0 |
| St. Albans | ,, | 4 14 3 |
| ,, | ,, | 7 16 11 |
| ,, | ,, | 0 19 5 |
| ,, | ,, | 0 6 4 |
| ,, | ,, | 2 4 0 |
| Salisbury | New Street | 2 2 1 |
| ,, | ,, | 11 9 6 |
| Selby | Mech. Inst. | 0 3 2 |
| ,, | ,, | 0 15 0 |
| Sheffield | Arundel Street | 0 17 5 |
| ,, | ,, | 1 10 7 |
| ,, | ,, | 0 6 4 |
| ,, | Attercliffe Bd. S. (Branch) | 7 6 8 |
| Southampton | Philharmonic Hall | 6 13 6 |
| ,, | ,, | 2 16 4 |
| Stirling | High S. | 0 14 1 |
| Stourbridge | Talbot Street | 3 15 9 |
| Sunderland | 21, Fawcett Street | 4 11 3 |
| Walsall | Athenæum | 8 3 4 |
| ,, | Station Street | 11 2 9 |
| ,, | ,, | 0 14 1 |
| Warrington | Museum Building | 4 10 6 |
| Watford | Public Library | 2 16 9 |
| ,, | ,, | 1 4 6 |
| ,, | ,, | *38 11 0 |
| ,, | ,, | 1 1 7 |
| ,, | ,, | *2 7 3 |
| ,, | ,, | 4 10 4 |

* Fittings. † Frames.

Appendix C.

AID BY ART EXAMPLES.

Aid by Examples—*cont.*

| Locality. | Name of School or Institution. | Amount of Aid. £ | s. | d. |
|---|---|---|---|---|
| West Hartlepool | Athenæum | 0 | 6 | 9 |
| " | " | 1 | 14 | 3 |
| Worcester | Pierpont Street | 3 | 8 | 10 |
| Yarmouth | South Quay | 3 | 15 | 7 |
| | **ART NIGHT CLASSES.** | | | |
| Accrington | Co-operative Hall | 1 | 4 | 3 |
| " | " | 11 | 1 | 8 |
| " | St. James' N. S. | 1 | 17 | 4 |
| Ashburton | Academy | 1 | 6 | 10 |
| Balham | Inst. | 2 | 1 | 1 |
| Banbury (South) | Par. S. | 2 | 0 | 9 |
| " " | Crouch Street Girls' S. | 0 | 7 | 1 |
| Barkwith (East) | S. | 2 | 9 | 7 |
| Barnet (New) | Par. | 2 | 5 | 8 |
| Barnsley | Boys' N. | 7 | 14 | 9 |
| Barnstaple | A. N. C. | 3 | 7 | 3 |
| Batley | Mech. Inst. | 1 | 12 | 7 |
| Beith | Crummock Street United Presbyterian S. | 0 | 5 | 1 |
| " | " | 4 | 17 | 4 |
| Bewdley | N. S. | 6 | 12 | 4 |
| " | " | 6 | 14 | 9 |
| Birmingham | Handsworth Perry Barr Inst. | 2 | 9 | 1 |
| " | " | 8 | 10 | 5 |
| " | Hebrew S. | 0 | 8 | 11 |
| " | Howard Street Inst. | 6 | 5 | 3 |
| " | Jenkins Street S. | 5 | 7 | 2 |
| " | Lozells Cong. S. | 1 | 6 | 9 |
| " | " | 1 | 1 | 0 |
| " | St. John S., Ladywood | 2 | 11 | 3 |
| " | Priory Rooms | 1 | 15 | 1 |
| Bishop Auckland | Mech. Inst. | 2 | 1 | 5 |
| Blackburn | New Jerusalem S. | 1 | 3 | 3 |
| " | St. Peter Street Wes. | 3 | 14 | 3 |
| Bolton | Church Inst. | 4 | 3 | 9 |
| " | St. Matthew's S. | 5 | 17 | 0 |
| Bristol | Russell Town B. | 8 | 18 | 1 |
| Bromley (Kent) | Mason's Hill S. | 7 | 10 | 7 |
| Cannock | Infant S. | 2 | 8 | 5 |
| Chatham | Old Brompton, Royal Engineers' Barracks. | 5 | 6 | 3 |
| Cheltenham | Christ Ch. | 2 | 16 | 5 |
| " | St. John's S. | 0 | 3 | 9 |
| " | " | 3 | 6 | 11 |
| Cleveland | New Marske Miners' Inst. | 3 | 2 | 0 |
| Codnor | Selston S. | 2 | 11 | 0 |
| " | Jessop Street | 2 | 9 | 1 |
| Coventry | St. Peter's S. | 2 | 12 | 7 |
| Cowes (East) | N. S. | 4 | 2 | 10 |
| " " | " | 0 | 3 | 2 |

Aid by Examples—*cont.*

| Locality. | Name of School or Institution. | Amount of Aid. £ | s. | d. |
|---|---|---|---|---|
| Cowes (West) | St. Mary's S. | 2 | 15 | 1 |
| Crook | Pease's West Miners' Inst. | 3 | 5 | 1 |
| Darlington | Railway Inst. | 12 | 11 | 4 |
| Deptford | St. John's S. | 2 | 10 | 11 |
| Derby | Diocesan S. | 3 | 4 | 4 |
| „ | Gerard Street S. | 3 | 4 | 4 |
| „ | „ | 1 | 6 | 2 |
| „ | Midland Railway Inst. | 3 | 6 | 7 |
| Devonport | B. S. | 0 | 1 | 4 |
| „ | Mech. Inst. | 4 | 9 | 7 |
| Dresden | Temperance Hall | 1 | 15 | 9 |
| Dudley | Blue Coat S. | 2 | 11 | 11 |
| „ | Holly Hall | 0 | 14 | 0 |
| Dundee | Long Wynd | 5 | 2 | 4 |
| „ | Young Men's Christian Assoc. | 9 | 12 | 9 |
| Dunstable | Ashton S. | 3 | 19 | 1 |
| „ | „ | 1 | 15 | 0 |
| Eckington | Bd. S. | 5 | 1 | 0 |
| „ | „ | 8 | 1 | 6 |
| Edinburgh | Free Ch. Training S. | 3 | 15 | 3 |
| Enfield Highway | St. James's S. | 2 | 5 | 3 |
| Falkirk | Southern S. | 1 | 17 | 6 |
| Fraserburgh | Academy | 3 | 10 | 7 |
| Glasgow | Athenæum | 2 | 6 | 1 |
| Gornal (Upper) | N. S. | 2 | 11 | 10 |
| Govan | Eden Villa | 6 | 5 | 6 |
| Greenwich | Oxford House | 8 | 0 | 8 |
| Grimsby | Garibaldi Street S. | 3 | 16 | 9 |
| Guildford | W. M. Inst. | 0 | 10 | 4 |
| Halifax | Haley Hill | 2 | 12 | 1 |
| Haltwhistle | Mech. Inst. | 5 | 6 | 10 |
| Harmondsworth | N. S. | 1 | 4 | 11 |
| Heckmondwike | Mech. Inst. | 4 | 6 | 4 |
| Helston | Commercial and Grammar Schools | 6 | 18 | 7 |
| Hemel Hempstead | N. S. | 3 | 8 | 0 |
| High Wycombe | Bd. S. | 4 | 7 | 3 |
| „ | „ | 28 | 17 | 1 |
| Hitchin | St. Mary's S. | 3 | 15 | 8 |
| Huddersfield | Meltham Mills | 0 | 13 | 10 |
| „ | Shelley Mech. Inst. | 2 | 12 | 3 |
| Hull | Courtney and Daltry Sts. Rd. S. | 1 | 14 | 1 |
| „ | „ „ | 6 | 2 | 6 |
| Hyde | Mech. Inst | 5 | 15 | 3 |
| „ | „ | 4 | 8 | 4 |
| Ilfracombe | Par. Ch. Boys' S. | 6 | 19 | 8 |
| Ilkley | College | 9 | 19 | 6 |
| Kings Lynn | Athenæum | 1 | 11 | 3 |
| „ | „ | 0 | 14 | 0 |

Appendix C.

AID BY ART EXAMPLES.

Aid by Examples—*cont.*

| Locality. | Name of School or Institution. | Amount of Aid. £ | s. | d. |
|---|---|---|---|---|
| Lee | Boone Street S. | 2 | 10 | 4 |
| Leeds | Buslingthorpe | 4 | 3 | 10 |
| " | Kirkstall, St. Stephen's S. | 0 | 4 | 5 |
| " | " " | 0 | 11 | 10 |
| " | Park Street S. | 2 | 1 | 1 |
| " | St. Matthew's S. | 4 | 10 | 0 |
| " | Young Men's Christian Assoc. | 2 | 3 | 4 |
| " | " " | 1 | 6 | 9 |
| Leigh | Westleigh, St. Paul's S. | 1 | 2 | 7 |
| Leighton Buzzard | St. Andrew's S. | 3 | 4 | 1 |
| Leith | High S. | 7 | 0 | 2 |
| Liverpool | Queen s Road Bd. S. | 14 | 3 | 9 |
| " | William Henry Street Bd. S. | 6 | 7 | 6 |
| " | Young Women's Christian Assoc. | 2 | 0 | 11 |
| Llanelly | Park Street Bd. S. | 3 | 6 | 6 |
| Lochee | Science and Art Class | 5 | 4 | 11 |
| Loughor | N. S. | 0 | 19 | 1 |
| Louth | Guild Room | 0 | 16 | 10 |
| " | Mech. Inst. | 1 | 9 | 0 |
| Maidstone | College Buildings | 2 | 2 | 9 |
| Manchester | Mech. Inst. | 7 | 12 | 7 |
| " | St. Luke's S. | 2 | 12 | 8 |
| Mansfield | Woodhouse S. | 3 | 10 | 8 |
| Matlock Bath | Parade S. | 0 | 6 | 8 |
| Melbourne | N. S. | 1 | 12 | 9 |
| *Metropolitan:* | | | | |
| Barnsbury | St. Clement's S. | 1 | 6 | 10 |
| Battersea | Bolingbroke Road S. | 0 | 16 | 3 |
| " | St. Philip's S. | 3 | 11 | 8 |
| Bethnal Green | Olga Street Bd. S. | 1 | 5 | 6 |
| " | " | 5 | 14 | 4 |
| Camberwell | East Dulwich, St. John's S. | 1 | 9 | 3 |
| Chelsea | Onslow College | 0 | 14 | 8 |
| " | " | 3 | 17 | 6 |
| Haggerstone | St. Mary's S. | 1 | 6 | 9 |
| " | " | 0 | 15 | 7 |
| Hammersmith | Broadway Lecture Hall | 4 | 2 | 2 |
| Hoxton | Academy | 1 | 14 | 4 |
| Islington | Windsor Street Sc. and Art Class | 1 | 17 | 5 |
| Kentish Town | Hawley Crescent S. | 2 | 15 | 1 |
| " | Wes. S. | 1 | 4 | 0 |
| Paddington | St. Michael's S. | 0 | 4 | 10 |
| " | " | 3 | 17 | 9 |
| Peckham | Wes. S. | 8 | 12 | 4 |
| Poplar | St. Mary's S., Garford Street | 4 | 3 | 4 |
| Portman Square | St. Mary's Youths' Inst. | 2 | 11 | 3 |
| Ratcliff | Broad Street Bd. S. | 1 | 6 | 9 |
| Rotherhithe | - | 2 | 3 | 4 |
| St. Martin's Lane | Artisans' Inst. | 1 | 6 | 4 |
| " | " | 3 | 3 | 9 |
| Whitechapel | Zion Chapel S. | 1 | 9 | 7 |
| " | " | 3 | 12 | 0 |
| Morpeth | Mech. Inst. | 1 | 18 | 9 |
| Nelson | Wes. S. | 10 | 14 | 6 |

Aid by Examples—*cont.*

| Locality. | Name of School or Institution. | Amount of Aid. £ | s. | d. |
|---|---|---|---|---|
| Newmarket | St. Mary's S. | 5 | 10 | 9 |
| Newport (Mon.) | Stow Hill S. | 2 | 19 | 3 |
| " | Savings Bank Chambers | 1 | 7 | 1 |
| " | " " | 1 | 1 | 7 |
| Norwood (Lower) | Inst. | 2 | 2 | 0 |
| " | " | 1 | 5 | 1 |
| Nottingham | | 2 | 4 | 10 |
| " | Friends' S. | 0 | 4 | 5 |
| " | " | 1 | 4 | 5 |
| Northampton | Religious and Useful Know. Soc. | 0 | 16 | 10 |
| Olney | District Classes | 0 | 10 | 2 |
| " | " | 2 | 12 | 0 |
| Oswestry | Inst. | 1 | 11 | 4 |
| Plymouth | Courtenay Street S. | 4 | 7 | 3 |
| Preston | St. Ignatius, S. | 5 | 16 | 10 |
| " | Sculptors' Studio | 1 | 8 | 10 |
| " | " | 2 | 10 | 7 |
| Ramsbottom | Indl. and Prov. Soc. | 1 | 0 | 5 |
| Redruth | Sci. and Art Class | 7 | 3 | 3 |
| Richmond | B. S. | 0 | 16 | 10 |
| Rochester | Bd. S. | 0 | 19 | 9 |
| Rugby | Inst. and St. Matthew's S. | 2 | 1 | 5 |
| " | " " | 2 | 18 | 11 |
| Scarborough | Adult, S. | 4 | 13 | 6 |
| " | Mech. Inst. | 1 | 11 | 1 |
| " | " | 3 | 6 | 2 |
| Shepton Mallett | N. S. | 0 | 9 | 7 |
| Sherborne | St. Thomas-à-Becket S. | 4 | 3 | 10 |
| Skegby | Stanton Hill S. | 4 | 17 | 11 |
| " | " | 3 | 4 | 0 |
| Slough | Mech. Inst. | 2 | 1 | 9 |
| Sowerby Bridge | N. S. | 3 | 1 | 4 |
| Stanningley | Mech. Inst. | 6 | 1 | 8 |
| Stockton (S.) | " | 4 | 2 | 5 |
| Stratford (Essex) | Buxton College | 2 | 11 | 0 |
| Sunderland | Monkwearmouth W. M. Hall | 3 | 6 | 3 |
| Surbiton | St. Mark's S. | 2 | 8 | 0 |
| Sutton | Cross Hills S. | 1 | 12 | 7 |
| Sutton-on-Plym | St. John's S. | 3 | 9 | 4 |
| Tewkesbury | N. S. | 1 | 19 | 3 |
| Thirsk | Mech. Inst. | 0 | 16 | 6 |
| Todmorden | Vale Acad. | 2 | 16 | 11 |
| Tonyrefail | Bd. S. | 3 | 0 | 11 |
| Walthamstow | Boys' S. | 2 | 11 | 7 |
| Welshpool | A. N. C. | 5 | 13 | 9 |
| " | " | 4 | 1 | 9 |
| West Bromwich | Queen Street S. | 3 | 14 | 3 |
| Weston-super-mare | High Street S. | 2 | 1 | 8 |
| Whaley Bridge | Horwich Bank Educational Inst. | 8 | 6 | 2 |
| Whitby | Literary and Philosophical Soc. | 4 | 6 | 3 |

Appendix C.

AID BY ART EXAMPLES.

Aid by Examples—*cont.*

| Locality. | Name of School or Institution. | Amount of Aid. £ | s. | d. |
|---|---|---|---|---|
| Whitby | Literary and Philosophical Soc. | 0 | 14 | 8 |
| Widnes | Volunteer Hall | 3 | 4 | 4 |
| Wigan | New Jerusalem S. | 7 | 19 | 4 |
| Wisbech | W. M. C. | 0 | 14 | 1 |
| Witney | Wes. Mutual Improvement Soc. | 1 | 6 | 9 |
| Wolstanton | N. S. | 2 | 0 | 6 |
| Woodlesford | Mech. Inst. | 0 | 15 | 3 |
| Woolwich | Royal Arsenal | 4 | 15 | 8 |
| York | Kirkby-in-Malham United S. | 2 | 12 | 10 |

PUBLIC ELEMENTARY SCHOOLS AND TRAINING COLLEGES.

| | | | | |
|---|---|---|---|---|
| Abbots Langley | Par. S. | 0 | 13 | 10 |
| Aberdeen | Albion Street Public S. | 4 | 10 | 7 |
| „ | Alford, Gallowhill Public S. | 0 | 18 | 0 |
| „ | Church of Scotland T. C. | 4 | 1 | 7 |
| „ | Gerrard Street Public S. | 1 | 4 | 9 |
| „ | Grammar S. | 8 | 17 | 6 |
| „ | Grey Friars Public S. | 4 | 8 | 0 |
| „ | Little Belmont Street S. | 5 | 1 | 0 |
| „ | Marywell Street Public S. | 1 | 19 | 6 |
| Abernethy | Public S. | 4 | 6 | 9 |
| Accrington | St. Oswald's R. C. S. | 1 | 11 | 10 |
| Acocks Green | C. E. S. | 1 | 19 | 6 |
| Adlington | N. S. | 0 | 18 | 9 |
| Altrincham and Bowdon | B. S. | 5 | 3 | 8 |
| Altrincham | Seamons Moss S. | 1 | 14 | 9 |
| Ashford | Warehorne Bd. S. | 2 | 4 | 9 |
| Ashton-under-Lyne | Par. Ch. S. | 1 | 6 | 9 |
| Baillieston | Sess. S. | 2 | 0 | 9 |
| Barnsley | St. Mary's N. S. | 2 | 19 | 8 |
| Barnstaple | St. Mary Magdalene S. | 1 | 13 | 1 |
| Barrow-in-Furness | Island Road S. | 1 | 7 | 7 |
| Barwell | N. S. | 3 | 15 | 3 |
| Beaminster | Girls' and Boys' N. & Elementary S. | 1 | 6 | 1 |
| Bideford | Parkham S. | 4 | 0 | 11 |
| Bilston | St. Mary's N. S. | 1 | 6 | 9 |
| Birmingham | Hebrew S. | 1 | 0 | 8 |
| „ | „ | 0 | 8 | 11 |
| „ | St. George's S. | 2 | 13 | 5 |
| „ | St. Silas Lozells | 3 | 13 | 2 |
| Bishop Stortford | T. C. | 1 | 18 | 6 |
| Blackburn | Barton Street S. | 3 | 17 | 0 |
| Blackrod | Scot Lane End. S. | 3 | 15 | 0 |
| Blaina | S. | 4 | 8 | 8 |
| Bo'ness | Public S. | 0 | 14 | 0 |
| „ | „ | 4 | 7 | 11 |
| Bonhill | Alexandria, Main Street, Church, and Bridge Streets, and Jamestown Bd. Schools. | 9 | 17 | 9 |
| Bradford | New Leeds N. S. | 1 | 12 | 3 |
| Braintree | Public S. | 2 | 14 | 9 |
| Brierley Hill | Bank Street Bd. S. | 3 | 9 | 9 |
| Brighton | Hanover Terrace Bd. S. | 1 | 17 | 0 |

Aid by Examples—*cont.*

| Locality. | Name of School or Institution. | Amount of Aid. £ s. d. |
|---|---|---|
| Bristol | Bd. Schs. | 19 5 8 |
| „ | Redcross Street B. S. | 4 4 10 |
| Calne | Derry Hill S. | 1 0 9 |
| Cardiff | David Street Girls' R. C. S. | 4 14 2 |
| „ | „ „ | 0 16 10 |
| Cheshunt | B. S. | 4 2 7 |
| Cleobury Mortimer | End. S. | 1 5 6 |
| Coatbridge | Calder Iron Works S. | 7 2 10 |
| Colchester | B. S. | 1 13 6 |
| Consett | „ | 3 17 6 |
| Coventry | Holy Trinity S. | 2 19 11 |
| „ | South Street Bd. S. | 2 10 10 |
| Crewe | Crewe Green S. | 1 10 9 |
| Croydon | Beulah Road S. | 6 4 3 |
| „ | Brighton Road Bd. S. | 1 10 10 |
| „ | Oval Road S. | 4 6 2 |
| „ | Princess Road Bd. S. | 4 7 6 |
| Dalserf | Public S. | 4 5 8 |
| Darlington | Tow Law Wes. S. | 2 13 7 |
| Derby | All Saints' S. | 2 17 4 |
| „ | Parliament Street Wes. S. | 1 19 2 |
| „ | St. Andrew's N. S. | 0 15 3 |
| „ | St. Luke's S. | 8 6 6 |
| „ | T. C. | 0 13 4 |
| Dewsbury | Carlton Street Bd. S. | 1 10 7 |
| „ | Wellington Street Bd. S. | 1 11 6 |
| Diss | Bd. S. | 2 11 10 |
| Dorking | „ | 2 9 0 |
| Dover | Charlton N. S. | 1 5 6 |
| Dudley | Baylie's Charity S. | 1 7 7 |
| Dukinfield | Factory Boys' S. | 2 3 4 |
| Dunse | Public S. | 2 0 10 |
| Durham | T. C. (Male) | 3 13 1 |
| Edinburgh | T. C. (Episcopal) | 1 13 1 |
| Enfield Lock | Government S. | 2 8 9 |
| „ | „ | 6 6 10 |
| Essay and Nevay | Public S. | 2 13 1 |
| Exeter | St. Sidwell's Par. S. | 1 18 6 |
| „ | T. C. | 2 17 3 |
| „ | „ | 0 17 9 |
| Farnham | Hale Dist. S. | 6 3 4 |
| Fenny Stratford | N. S. | 1 6 9 |
| Garelochhead | S. | 2 1 8 |
| Gateshead | Wes. S. | 1 16 9 |
| „ | Whickham, Tomlinson and Blakiston's S. | 2 4 3 |
| Glasgow | Anderston Public S. | 3 14 9 |
| „ | Bellgrove Public S. | 3 14 10 |
| „ | Buchan Street Bd. S. | 3 8 4 |
| „ | College Street Public S. | 3 14 10 |
| „ | Dobbies Loan Bd. S. | 3 0 0 |

Appendix C.

AID BY ART EXAMPLES.

Aid by Examples—*cont.*

| Locality. | Name of School or Institution. | Amount of Aid. £ s. d. |
|---|---|---|
| Glasgow | Great Dovehill Public S. | 1 5 6 |
| " | Greenside Street Public S. | 3 14 10 |
| " | Grove Street Public S. | 7 1 1 |
| " | London Road Bd. S. | 3 14 10 |
| " | Oatlands Public S. | 3 14 9 |
| " | Old Wynd S. | 4 11 3 |
| " | Shields Road Bd. S. | 1 5 6 |
| " | Stirling Street S. | 3 14 10 |
| " | Thomson Street S. | 3 14 10 |
| Govan | Copeland Road S. | 3 15 3 |
| " | Govanhill Public S. | 3 14 1 |
| " | Kinning Park S. | 3 14 3 |
| " | Portland Hall | 3 4 10 |
| " | St. Mary's Hall | 3 4 10 |
| Grantham | N. S. | 2 11 2 |
| Greenwich | Christ Church Boys' S. | 1 6 1 |
| " | Burrage Grove Bd. S. | 1 5 6 |
| Haltwhistle | Bd. S. | 2 14 10 |
| Hanley | Bd. S. | 3 12 0 |
| Hanslope | " | 1 5 6 |
| Hartlepool | " | 5 2 9 |
| Hatcham | St. James' S. | 1 6 9 |
| Hatfield | Countess Anne's S. | 2 10 10 |
| Hawkhurst | Sir Thomas Dunk's End. S. | 1 5 6 |
| Heckmondwike | Batty Street Bd. S. | 6 0 11 |
| High Garret | S. | 2 10 0 |
| Howden | N. S. | 1 8 8 |
| Huddersfield | Berry Brow S | 1 12 7 |
| Hull | Park Street Orphan S. | 3 2 2 |
| Huntingdon | B. S. | 1 5 6 |
| Ickleton | " | 1 15 0 |
| Ipswich | Argyle Street S. | 6 15 9 |
| " | St. Margaret's N. S. | 2 3 1 |
| " | Wherstead Road S. | 7 16 6 |
| Inverkeilor | S. | 1 16 9 |
| Kidderminster | Worcester Cross | 1 4 11 |
| " | Coventry Street Bd. S. | 1 5 6 |
| Knaresborough | N. S. | 4 9 4 |
| Leeds | Meanwood, Holy Trinity S. | 2 16 11 |
| Leicester | Syston Street Bd. S. | 5 4 3 |
| Leighton Buzzard | St. Andrew's Boys' S. | 0 12 4 |
| Lewisham | St. Stephen's N. S. | 1 3 10 |
| Lilton | N. S. | 2 11 0 |
| Liverpool | Blue Coat S. | 5 0 1 |
| " | Holy Trinity S., Walton Breck | 8 13 8 |
| " | Kirkdale, St. Lawrence S. | 4 3 2 |
| " | T. C. | 2 15 10 |
| Llanelly | N. S. | 0 10 6 |
| " | " | 2 16 10 |
| " | Park Street Bd. S. | 1 6 9 |
| Longton | Bd. S. | 1 12 3 |
| Loughton | N. S. | 6 3 11 |

Aid by Examples—*cont.*



| Locality. | Name of School or Institution. | Amount of Aid. | | |
|---|---|---|---|---|
| | | £ | *s.* | *d.* |
| Macduff | Duff Street S. | 2 | 14 | 6 |
| Madeley | Wes. S. | 2 | 10 | 0 |
| Manston | Colliery S. | 2 | 3 | 10 |
| Market Lavington | N. S. | 0 | 7 | 5 |
| " " | " | 2 | 16 | 0 |
| *Metropolitan:* | | | | |
| Allen Street | Bd. S. | 3 | 19 | 0 |
| Bermondsey | Christ Church S. | 1 | 13 | 0 |
| " | Russell Street Bd. S. | 2 | 11 | 0 |
| Brixton Hill | Wes. S. | 1 | 6 | 9 |
| Camberwell | St. Giles' Girls' S. | 3 | 13 | 2 |
| Camden Street | Bd. S. | 10 | 2 | 9 |
| Chelsea | Latymer Road Bd. S. | 1 | 5 | 6 |
| Dalston | Mayfield Terrace Wes. S. | 3 | 12 | 8 |
| Finchley | St. Mary's S. | 3 | 9 | 7 |
| Fulham | All Saints' Boys' S. | 6 | 2 | 0 |
| Great Queen Street | Bd. S. | 4 | 6 | 8 |
| Hackney | Hamond Square Bd. S. | 1 | 5 | 6 |
| Hampstead | Rosslyn Bd. S. | 1 | 5 | 6 |
| Holloway | St. James' S. | 1 | 6 | 9 |
| Homerton | Wes. S. | 4 | 14 | 2 |
| Islington | Chapel of Ease Par. S. | 2 | 5 | 0 |
| " | St. Bartholomew's S. | 2 | 17 | 4 |
| Kennington | Oval N. S. | 5 | 1 | 11 |
| Kentish Town | Holy Trinity S. | 1 | 14 | 0 |
| " | Training S. | 2 | 3 | 9 |
| Lambeth | Boys' S. | 1 | 10 | 11 |
| " | Vauxhall Street Bd. S. | 1 | 5 | 6 |
| " | Winstanley Road Bd. S. | 1 | 5 | 6 |
| Marylebone | Hampden Gurney's Girls' S. | 2 | 8 | 2 |
| Newington | Trinity N. S. | 5 | 5 | 6 |
| Notting Hill | St. John's S. | 3 | 18 | 9 |
| Paddington | St. James' N. S. | 2 | 12 | 2 |
| Radnor Street | Wes. S. | 3 | 2 | 0 |
| St. George-the-Martyr | S. | 4 | 3 | 3 |
| St. Giles-in-the-Fields | " | 0 | 15 | 4 |
| St. Pancras | Werrington Street Bd. S. | 5 | 14 | 1 |
| Southwark | Abbey Street Bd. S. | 1 | 5 | 6 |
| " | St. Jude's S. | 4 | 7 | 1 |
| " | Union Street Bd. S. | 1 | 9 | 0 |
| Stockwell Green | Educ. Inst. | 2 | 1 | 1 |
| Tower Hamlets | Northey Street Bd. S. | 1 | 5 | 6 |
| " | Richard Street Bd. S. | 2 | 11 | 0 |
| Walworth | Flint Street Bd. S. | 7 | 2 | 10 |
| Wandsworth | Girls' B. S. | 0 | 10 | 10 |
| West Metropolitan | Jewish S. | 3 | 14 | 0 |
| Westminster | St. James' Girls' S. | 2 | 17 | 0 |
| " | " N. S. | 8 | 5 | 2 |
| " | St. Stephen's Girls' S. | 0 | 18 | 11 |
| " | Wes. Practising S. | 10 | 16 | 4 |
| Newcastle-on-Tyne | St. Thomas' S. | 2 | 19 | 10 |
| Newmarket | Kirtling Par. S. | 1 | 0 | 5 |
| Newport | Wes. S. | 6 | 18 | 4 |
| Normanton (South) | N. S. | 2 | 16 | 1 |
| Norwich | Mariner's Lane S. | 2 | 2 | 1 |
| Nottingham | Bath Street Bd. S. | 3 | 16 | 11 |
| " | Derby Road S. | 6 | 1 | 7 |

Appendix C.

ART BY ART EXAMPLES.

Aid by Examples—*cont.*

| Locality. | Name of School or Institution. | Amount of Aid. £ | s. | d. |
|---|---|---|---|---|
| Nottingham | Holy Trinity S. | 2 | 11 | 9 |
| „ | St. Andrew's S. | 2 | 8 | 11 |
| Oldham | St. Thomas' S. | 2 | 7 | 0 |
| Padstow | Bd. S. | 0 | 15 | 4 |
| Paisley | Johnstone Public S. | 2 | 11 | 11 |
| „ | Thread Street S. | 2 | 4 | 5 |
| Parsonstown | Convent N. S. | 2 | 6 | 9 |
| „ | „ | 2 | 1 | 2 |
| Partick | Anderson Street S. | 5 | 2 | 4 |
| „ | Kelvin Street S. | 2 | 7 | 5 |
| „ | Merkland Street S. | 3 | 4 | 10 |
| Pendleton | Brunswick Wes. S. | 1 | 6 | 9 |
| Penrith | Wes. S. | 1 | 11 | 9 |
| Perth | Sharp's Educ. Inst. | 4 | 10 | 10 |
| „ | South William Street Public S. | 8 | 10 | 0 |
| Peterborough | Woodstone C. E. S. | 1 | 5 | 6 |
| Pilling | N. S. | 1 | 7 | 9 |
| Plaistow | Balaam Street Bd. S. | 8 | 1 | 11 |
| Plumstead | St. John's S. | 2 | 10 | 4 |
| Pontypool | Goytrey B. S. | 1 | 13 | 1 |
| Preston | Grimshaw Street B. S. | 3 | 5 | 4 |
| „ | Holy Trinity S. | 2 | 12 | 3 |
| „ | St. Mary's N. S. | 2 | 11 | 5 |
| „ | Walmer Bridge S. | 0 | 15 | 4 |
| Ramsgate | Christ Church N. S. | 5 | 1 | 9 |
| Redditch | Wes. S. | 1 | 11 | 10 |
| Rochdale | Baillie Street Bd. S. | 2 | 10 | 2 |
| „ | Milkstone Bd. S. | 1 | 5 | 1 |
| „ | Smallbridge Bd. S. | 3 | 18 | 0 |
| Rochester | Girls' Bd. S. | 1 | 5 | 6 |
| „ | Troy Town Bd. S. | 1 | 5 | 6 |
| Rosehall | Colliery S. | 6 | 17 | 8 |
| Rotherham | Wes. S. | 3 | 6 | 10 |
| Salisbury | B. S. | 3 | 16 | 10 |
| „ | Fisherton Anger N. S. | 1 | 12 | 3 |
| „ | St. Thomas' S. | 1 | 5 | 6 |
| Scilly | St. Mary's S. | 3 | 9 | 2 |
| Selkirk | Burgh S. | 0 | 13 | 10 |
| „ | Grammar S. | 0 | 12 | 8 |
| Shields, North | Christ Ch. S. | 0 | 15 | 2 |
| „ „ | Middle Class Elementary S. | 0 | 15 | 4 |
| „ „ | Royal Jubilee S. | 1 | 5 | 6 |
| „ „ | Tynemouth, Western B. S. | 0 | 15 | 4 |
| „ South | St. Stephen's S. | 2 | 15 | 1 |
| Southend | B. S. | 1 | 9 | 0 |
| Staleybridge | Castle Hall S. | 4 | 16 | 10 |
| Stonehouse (Devon) | Boys' S. | 3 | 14 | 6 |
| Stratford (Essex) | Bd. S. | 6 | 16 | 1 |
| „ „ | St. Paul's S. | 5 | 17 | 8 |
| Stratford-on-Avon | Bd. S. | 1 | 5 | 6 |
| Streatham | Royal Asylum, St. Anne's S. | 1 | 7 | 5 |
| Swansea | N. S. | 1 | 8 | 3 |
| Tarrington | Stoke Edith and Dormington S. | 1 | 19 | 9 |
| Tillicoultry | Public S. | 4 | 5 | 3 |

Aid by Examples—*cont.*

| Locality. | Name of School or Institution. | Amount of Aid. £ | s. | d. |
|---|---|---|---|---|
| Tillicoultry | Public S. | 8 | 8 | 4 |
| Tipton | Bloomfield Bd. S. | 1 | 8 | 4 |
| „ | No. 1 Bd. S. | 2 | 1 | 2 |
| Turvey | N. S. | 1 | 6 | 9 |
| Ulceby | Thornton Curtis N. S. | 2 | 12 | 11 |
| Ulverston | Brow Edge S. | 1 | 19 | 5 |
| Ventnor | Lit. Inst. S. | 2 | 6 | 2 |
| Walsall | Butts Bd. S. | 4 | 4 | 10 |
| Walton-on-the-Hill | N. S. | 1 | 5 | 6 |
| Wanstead | Infant Orphan Asylum | 10 | 11 | 5 |
| Warrington | Clergy Daughters S. | 5 | 6 | 9 |
| „ | Wycliffe B. S. | 4 | 16 | 0 |
| Waterford | Free S. | 3 | 3 | 6 |
| „ | St. John's S. | 3 | 18 | 2 |
| Wellingborough | Boys' S. | 5 | 3 | 11 |
| „ | Lower Free Trade S. | 6 | 7 | 6 |
| Whitehaven | St. Nicholas' S. | 2 | 1 | 6 |
| „ | „ | 1 | 19 | 3 |
| Wimbledon (South) | N. S. | 1 | 5 | 6 |
| Winchester | St. Bartholomew's S. | 1 | 12 | 4 |
| Wisbech | B. S. | 1 | 19 | 6 |
| Wishaw | Public S. | 4 | 16 | 10 |
| Witton-le-Wear | Bd. S. | 5 | 8 | 5 |
| Whitchurch (Salop) | Boys' N. S. | 2 | 9 | 6 |
| Wolverhampton | St. Philip's S. | 1 | 7 | 9 |
| Wragby | C. E. S. | 4 | 2 | 7 |
| York | Priory Street Wes. S. | 1 | 5 | 6 |
| „ | Royal B. S. | 1 | 8 | 11 |

| | | £ | s. | d. |
|---|---|---|---|---|
| Total, 617 requisitions | Schools of Art | 766 | 0 | 4 |
| | Art Night Classes | 686 | 6 | 9 |
| | Elementary Day Schools and Training Colleges | 861 | 15 | 9 |

| | £ | s. | d. |
|---|---|---|---|
| Grand Total for 1875 | 2,314 | 2 | 10 |
| „ 1874 | 1,855 | 15 | 8 |
| „ 1873 | 1,539 | 19 | 11 |

Appendix C.

REPORT OF EXAMINERS ON COMPETITION FOR NATIONAL MEDALS.

## 16. REPORT ON THE NATIONAL COMPETITION OF THE WORKS OF SCHOOLS OF ART, 1875.

EXAMINERS:

| | |
|---|---|
| Sir M. D. Wyatt. | H. Weekes, Esq., R.A. |
| C. W. Cope, Esq., R.A. | J. C. Horsley, Esq., R.A. |
| R. Redgrave, Esq., R.A. | H. A. Bowler, Esq. |
| F. R. Pickersgill, Esq., R.A. | |

The drawings sent up from Schools of Art for examination have increased from 91,000 in 1874, to 101,366 this year. Of these 1,700 were referred to the National Competition. There was a large number of studies from an "antique figure" of a fair average of merit, among which one gold and two silver medals were awarded. Some of the drawings, however, fell short of the standard which should be aimed at. In the study of the antique the greatest completeness should be insisted on in every detail of form, whether shown in the contours or in the modelling of the surfaces within them. The endeavour of the teacher should be to lead the student to this completeness without permitting him to fall into a small or tedious method of execution. In some few studies the shadows were too dark; breadth of light and shade should be preserved, and the practice of cutting up the form by black shadows avoided.

Last year the examiners were unable to award a gold medal for painting "from still life in oil." It is therefore very satisfactory to find the great improvement which has since taken place in this branch of study.

This is shown in skilful arrangements as to composition, and considerable ability in carrying out detailed imitation on a larger scale than has hitherto been usual. Some works were defective in contrast, or variety, of texture, having a too great similarity of surface, a fault which should be overcome by careful observation of the objects delineated. The same successful study was found in the very numerous drawings from "still life, foliage, and flowers in water-colour."

In the analysis of flowers as a preparation for design some difficulty arose from the students having worked on the same sheet "exercises in design" which belong rather to another section. Students are recommended to confine their exercises in Stage 22a. strictly to the representation of the plant, or plants, chosen for study, and to the display of the ornamental forms which may be derived from them. The combination of those forms should be reserved for separate study in Stage 22b. or c. In the competition for prizes for "designs" (this year extensive) the former standard of these schools was well sustained, if not surpassed, and it was observed that not only was the ornament for small spaces or surfaces decorated by repeats, sound, judicious, and characterized by pleasing variety and ingenuity, but that efforts had been successfully made to grapple with the difficulties of more extensive combinations, or larger schemes of decoration than in former years.

Designs for lace, carpets, wall decoration, and enamels were specially successful in the observation of technical requirements. A hopeful progress has been made in the increase of good designs for staple productions in the several localities in which the schools now do practical work. Some coloured designs however were disfigured by the use of

coarse trade colours which, although they may be technically understood by the manufacturer, convey to the eye a disagreeable impression of the intention of the designer.

The competition for the gold medal for modelling a figure from the antique was scarcely satisfactory, owing to a want of care and attention in the modelling of detail and in the finishing of surfaces. It should be understood that this section of study is intended to be one of careful and accurate copying, with the utmost completeness, the fine forms of the antique, and that, however suitable a sketchy freedom may be in some branches of study, it is here out of place.

It is observed that students in the modelling classes seem not fully to appreciate the opportunities afforded by their art for the exercise of design, either for exterior decoration on a large scale, or for interior work on a smaller scale, where in panels or pilasters in low relief, figures in combination with ornament, or even in some cases the telling of a story suitable for plastic representation, might be introduced.

Owing to the greater number and higher average merit of the works generally, it was found difficult to keep within the prescribed number of medals to be awarded. The gold medals are properly reserved for the first work in the respective sections, but when, as is the case this year, a number compete closely with the best works, the pressure on the silver medal list increases; it is hoped therefore, that the additional awards which have been made, will be allowed, and it is recommended that the permitted number of silver medals may be increased from 25 to 30.

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Note.—*The Lords of the Committee of Council on Education have authorized the award of 30 silver medals in future.*

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17 List of Students rewarded at the National Competition 1875.



Gold Medals.

| Name. | School. | Stage. | Subject. |
|---|---|---|---|
| Bullock, W. A. . . | Kidderminster . . | 23 c. | Design for carpets. |
| Burnett, Thos. Stuart | Edinburgh (Male) . | 19 b. | Model of figure from the antique. |
| Canton, Susan R.* . | Bloomsbury . . | 23 d. | Design for spandril. |
| Christie, James . | South Kensington . | 8 b. 2. | Chalk drawing of figure from the antique. |
| Duffield, J. R. . . | Birmingham . . . | 23 d. | Design for a cup and salver. |
| Habershon, Lydia† . | Sheffield . . . | 15 b. | Group in water-colour. |
| Hammond, T. W. . | Nottingham . . | 23 c. | Design for lace curtains. |
| Hood, Henry . . | Nottingham . . | 23 c. | Design for wall decoration. |
| Logsdail, William . | Lincoln . . . | 15 a. | Group in oil. |
| Mansell, Marianne‡ . | South Kensington . | 23 d. (For set.) | Designs for enamelled casket, a salver and bottle. |

* The "Princess of Wales" Scholarship of 25*l.* has been awarded to this student.
† The "Princess of Wales" Scholarship of 11*l.* has been awarded to this student.
‡ This student has held "Princess of Wales" Scholarships in three years, (*see* Art Directory, p. 33, note †).

Appendix C.

STUDENTS REWARDED AT NATIONAL COMPETITION OF SCHOOLS OF ART.

## SILVER MEDALS.

| Name. | School. | Stage. | Subject. |
|---|---|---|---|
| Alexander, Joseph | Manchester (R. Inst.) | 9 a. | Anatomical studies. |
| Ancell, Alfred | St. Thomas, Charterhouse. | 8 b. 1. | Chalk drawing of head from the antique. |
| Beaber Henry | Kidderminster | 23 c. | Design for carpet. |
| Birch, Thomas | Birmingham | 20 | Modelling of foliage from nature. |
| Carey, Henrietta | Nottingham | 15 b. | Group in water-colour. |
| Dewsberry, David | Burslem | 12 a. | Monochrome painting in water-colour of ornament from the cast. |
| Dunham, John H. | Bridport | 15 a. | Group in oil. |
| Edwards, H. M. | Birmingham | 19 b. | Model of figure from the antique. |
| Ellis, J. | Hanley | 23 d. | Design for bracket. |
| Elson, Robert | Lambeth | 8 d. | Chalk drawing of head from life. |
| | | 8 b. 2. | Chalk drawing of figure from the antique. |
| Foddy Thomas | West London | 8 b. 2. | Chalk drawing of figure from the antique. |
| Goodfellow, C. E. | Westminster | 23 c. | Designs for mosaics. |
| Hallam, Jessie E. | Exeter | 23 c. | Design for Honiton lace cape. |
| Hamilton, Gertrude | Bloomsbury | 14 a. | Flowers in water-colour. |
| Hancock, W. R. S. | Nottingham | 23 c. | Design for lace. |
| Harper, Edward | Birmingham | 23 d. | Design for salver. |
| Harris, Edward | Nottingham | 23 c. | Design for lace. |
| Jackson, Emily | South Kensington | 15 b. | Group in water-colour. |
| Jelley, J. V. | Lincoln | 8 d. | Chalk drawing of head from life. |
| Johnson, John | Nottingham | 23 c. | Design for wall paper. |
| Kean, Joseph | Aberdeen | 16 a. | Monochrome painting of figure from the antique. |
| Lane, R. Q. | Belfast | 23 d. | Design for balcony. |
| Marsh, Virginia | South Kensington | 22 c. | Ornamental arrangements to fill given spaces in colour. |
| Moorcroft, Thomas | Burslem | 14 a. | Flowers in water-colour. |
| Parkinson, John | Portsmouth | 15 a. | Group in oil. |
| Rogers, Mark | Lambeth | 19 d. | Model of the figure from life. |
| Schafer, H. T. | St. Martin's | 15 a. | Group in oil. |
| Schollar, William | Westminster | 23 b. | Designs for side of room and door. |
| Sharp, Abraham | Bradford (Ch. Inst.) | 23 c. | Design for damask. |
| Taylor John | Edinburgh (Male) | 19 b. | Model of figure from the antique. |
| Thomas, Henry | Manchester (R. Inst.) | 23 c. | Design for wall paper. |
| Thompson, Sydney M. | Belfast | 23 d. | Design for balcony. |
| Webster, Agnes, M. | South Kensington | 22 a. | Analysis of flowers in pencil outline. |
| Westwood, Adam | Glasgow | 23 c. | Design for a panel. |

## BRONZE MEDALS.

| Name. | School. | Stage. | Subject. |
|---|---|---|---|
| Adam, Peter | Kidderminster | 23 c. | Design for carpet. |
| Ainsworth, Thos. H. | Derby | 22 d. | Studies of historic styles of ornament |
| Archer, S. | Dublin | 23 c. | Design for damask |
| Austin, Emily | Bloomsbury | 15 a. | Group in oil. |
| Baker, L. | Dublin (Roy. Soc.) | 23 c. | Design for lace. |
| Barnes, Elizabeth | Edinburgh (Female). | 14 a. | Flowers in water-colour. |
| Bell, J. M. | Birkenhead | 19 b. | Model of figure from the antique. |
| Best, Charles J. | St. Thomas, Charterhouse. | 17 b. | Study in oil of hands from the life. |
| Birks, L. | Stoke-on-Trent | 20 | Foliage modelled from nature. |
| Blacker, G. O. | Manchester (R. Inst.) | 23 c. | Design for wall paper. |
| Blackman, M. S. | Southampton (Phil.). | 5 b. | Chalk drawing of ornament from the cast. |

Silver Medals—*continued.*

| Name. | School. | Stage. | Subject. |
|---|---|---|---|
| Bramley, Frank | Lincoln | 15 a. | Group in oil. |
| Brook, C. W. | Lincoln | 15 b. | Group in water-colour. |
| Buchanan, D. | Glasgow | 23 d. | Design for bracket. |
| Collins, Charles | Birmingham | 23 d. | Design for chandelier. |
| Cooper, Louisa | South Kensington | 23 c. | Design for lace. |
| Corcoran, Jessie | Bloomsbury | 14 a. (For set.) | Flowers in water-colour. |
| Currie, Sidney D. | South Kensington | 23 d. | Design for bracket. |
| Dewsberry, David | Burslem | 14 a. | Flowers in water-colour. |
| Drake, R. M. | Exeter | 5 b. | Chalk drawing of ornament from the cast. |
| Fisher, Amy | South Kensington | 22 a. | Analysis of flowers. |
| Fletcher, W. | Birmingham | 20 | Foliage modelled from nature. |
| Glazier, R. | Halifax | 26 c. | Design for panel. |
| Greatorex, Helen | Manchester (R. Inst.) | 14 a. (For set.) | Flowers in water-colour. |
| Greenwood, Edwin | Kidderminster | 10 a. | Foliage in outline from nature. |
| Gummer, Oakley | Salisbury | 22 a. | Analysis of flowers. |
| Gunthorpe, Henry | Cardiff | 19 b. | Model of figure from the antique. |
| Guy, Olivia E. | South Kensington | 22 a. | Analysis of flowers. |
| Hall, Fred. | Macclesfield | 23 c. | Design for table cover. |
| Hancock, Ellen I. | Bloomsbury | 15 a. | Group in oil. |
| Hanslip, Alice | Bloomsbury | 9 a. | Anatomical studies. |
| Hitchin, Samuel | Nottingham | 22 c. | Ornamental arrangements to fill given spaces in colour. |
| Hodgson, Mary. | Manchester (R. Inst.) | 15 b.<br>14 a. | Group in water-colour.<br>Flowers in water-colour. |
| Hodgkinson, Henry. | Coventry | 23 d. | Designs for iron gates |
| Ibell, Richard | Westminster | 23 c. | Designs for mosaics. |
| Keeling, Agnes | Lambeth | 8 b. 2. | Chalk drawing of figure from the antique. |
| Lambert, L. | Dublin | 23 c. | Design for damask. |
| Lynde, Frederick | St. Thomas, Charterhouse. | 16 a. | Monochrome painting of figure from the antique. |
| Marsh, Virginia | South Kensington | 22 d. | Studies of historic styles of ornament. |
| Marshall, Angela Mary | Bloomsbury | 19 b. | Model of figure from the antique. |
| Marshall, Elizabeth E. | Leicester | 15 b. | Group in water-colour. |
| Montalba, Henrietta | South Kensington | 19 d. | Model of the figure from life. |
| Moore, Mary W. | Preston | 23 d. | Design for water-bottle and stand. |
| Moorewood, Emily M. | Sheffield | 23 c. | Design for lace. |
| Morgan, Kate | South Kensington | 8 e. | Time sketching and sketching from memory. |
| Newbery, Francis | Bridport | 23 c. | Designs for watch-backs. |
| Palmer, A. | Dublin (Royal Soc.) | 23 c. | Design for lace. |
| Panton, Mabel | Dorchester | 15 a. | Group in oil. |
| Parker, E. J. | Carlisle | 16 a. | Monochrome painting of figure from the antique. |
| Partz, Otto | South Kensington | 23 d. | Design for doorway. |
| Pierpoint, John | Warrington | 23 c. | Design for carpet. |
| Pinder, Alfred | Nottingham | 23 c. | Design for lace. |
| Powell, Henry | Sheffield | 23 d. | Designs for dessert-knives. |
| Pritchard, W. | Birmingham | 23 d. | Design for enamelled salver. |
| Purcell, M. | Dublin (Royal Soc.) | 15 a. | Group in oil. |
| Randall, W. F. | South Kensington | 23 b. | Design for side of room. |
| Randerson, Paulina M. | Yarmouth | 15 b. | Group in water-colour. |
| Rhead, F. | Stoke-on-Trent | 23 d. | Design for ornamental plate. |
| Rickatson, Robert | West London | 23 c. | Design for wall paper. |
| Riley, J. W. | Halifax | 23 c. | Design for hangings. |
| St. Clair, H. | South Kensington | 8 b. 2. | Chalk drawing of figure from the antique. |
| Schmalz, Herbert | South Kensington | 8 b. 2. | Chalk drawing of figure from the antique. |
| Sewell, Arthur J. | Nottingham | 22 c. | Ornamental arrangements to fill given spaces in colour. |

Appendix C.

STUDENTS REWARDED AT NATIONAL COMPETITION OF SCHOOLS OF ART.

Bronze Medals—*continued.*

| Name. | School. | Stage. | Subject. |
|---|---|---|---|
| Simpson, E. | Lincoln | 23 a. | Machine drawing. |
| Smith, James | Macclesfield | 23 c. | Designs for scarves, &c. |
| Sutton, Claude | Birmingham | 23 d. | Design for cup and salver. |
| Sykes, Cecil | Sheffield | 9 a. | Anatomical studies. |
| Taylor, Ada C. | Lambeth | 8 b 2. | Chalk drawing of figure from the antique. |
| Vigor, C. | South Kensington | 19 b. | Model of figure from the antique. |
| Wasse, Arthur | Manchester (R. Inst.) | 16 a. | Monochrome painting of figure from the antique. |
| Watkins, Theophilus | Birmingham | 23 d. | Designs for jewellery. |
| White, William | Birmingham | 23 d. | Design for corbeille. |
| Wilson, Chas. E. | Sheffield | 22 d. (For set.) | Studies of historic styles of ornament. |

## Book Prizes.

| Name. | School. | Stage. | Subject. |
|---|---|---|---|
| Allnutt, Laura | Yarmouth | 23 c. | Design for a fan. |
| Baines, A. | Lincoln | 15 a. | Group in oil. |
| Barnes, Ellen | Edinburgh (Female) | 8 d. | Chalk drawing of head from life. |
| Bennison, E. | St. Thomas, Charterhouse. | 8 d. | Chalk drawing of head from life. |
| Biram, Mary | Sheffield | 22 d. | Studies of historic styles of ornament. |
| Bissett, Laurie | Edinburgh (Male) | 23 d. | Design for doorway. |
| Black, William | Edinburgh (Male) | 15 b.<br>8 b 2. | Group in water-colour.<br>Chalk drawing of figure from the antique. |
| Broad, John | Lambeth | 23 d. | Design for a jar. |
| Bromley, Mary E. G. | Sheffield | 23 c. | Design for muslins. |
| Brunt, E. W. | Nottingham | 23 c. | Design for chintz. |
| Buckingham, Annie | West London | 22 d. | Studies of historic styles of ornament. |
| Burn, W. | St. Martin's | 23 c. | Design for a panel. |
| Burt, Lucy A. | Lincoln | 15 a. | Group in oil. |
| Bywater, Kate | South Kensington | 16 a. | Monochrome painting of figure from the antique. |
| Charnock, John | Bradford (Mechanics' Institute). | 12 a. | Monochrome painting in water-colour of ornament from the cast. |
| Chattaway, Herbert W. | Coventry | 23 d. | Design for iron gates. |
| Clayton, J. W. | South Kensington | 19 b. | Model of figure from the antique. |
| Cottrell, H. J. | Birmingham | 23 d. | Design for an enamelled salver. |
| Crabtree, John R. | Bradford (Church Institute). | 5 b. | Chalk drawing of ornament from the cast. |
| Davis, Henry | Kidderminster | 23 c. | Design for carpet. |
| Forster, Mary | Trowbridge | 15 b. | Group in water-colour. |
| Fox, Thomas W. | Macclesfield | 23 c. | Design for scarves, &c. |
| Fussey, Ada E. | Nottingham | 23 c. | Design for wall paper. |
| Garland, Mary, E. | Gloucester | 15 b. | Group in water-colour. |
| Geddes, Elizabeth | Warrington | 12 a. | Monochrome painting of ornament from the antique. |
| Gill, Arthur | Kidderminster | 23 c. | Design for carpet. |
| Gill, Christopher | Lancaster | 23 b. | Design for side of a room. |
| Gulland, Elizabeth | Edinburgh (Female) | 8 b. 1. | Chalk drawing of head from the cast. |
| Guy, Olivia E. | South Kensington | 22 b.<br>22 d. | Ornamental arrangements to fill given spaces in monochrome.<br>Studies of historic styles of ornament. |
| Hall, Harry | Wakefield. | 8 b. 1. | Chalk drawing of head from the antique. |

Book Prizes—*continued.*

| Name. | School. | Stage. | Subject. |
|---|---|---|---|
| Harris, F. | Lincoln | 8 b. 1. | Chalk drawing of head from the antique. |
| Harris, John O. | Leicester | 23 a. | Architectural drawing. |
| Hay, John | Aberdeen | 5 b. | Chalk drawing of ornament from the cast. |
| Hayes, Thomas | Birmingham | 23 d. | Design for a salver. |
| Herrington, F. W. | St. Martin's | 8 b. 1. | Chalk drawing of head from the antique. |
| Hill, Joseph | Derby | 23 a. | Machine drawing. |
| Hills, Elizabeth | Cambridge | 15 b. | Group in water-colour. |
| Hipkins, Edith | South Kensington | 9 a. | Anatomical studies. |
| Holmes, Mary | Yarmouth | 23 d. | Design for cups and saucers. |
| Huskinson, John | Nottingham | 18 b. | Modelling of ornament from the cast. |
| Izard, Edith | Brighton | 8 b. 2. | Chalk drawing of figure from the antique. |
| Johnston, Mary E. | Gloucester | 15 a. | Group in oil. |
| King, W. G. | South Kensington | 8 b. 2. | Chalk drawing of figure from the antique. |
| Langston, H. H. | St. Martin's | 23 b. | Architectural design. |
| Logsdail, W. | Lincoln | 14 b. | Painting of interior of cathedral. |
| MacDonald, John | Perth | 23 a. | Architectural drawing. |
| McKenzie, G. | Sheffield | 23 d. | Design for dessert knives. |
| Marsh, Virginia | South Kensington | 22 a. | Analysis of flowers. |
| Morrison, S. W. | Edinburgh (Male) | 19 b. | Model of figure from the antique. |
| Mulligan, W. A. | Walsall (Athenæum). | 16 a. | Monochrome painting of figure from the antique. |
| Parkinson, John | Portsmouth | 16 a. | Monochrome painting of figure from the antique. |
| Perkins, Rosa | Coventry | 15 b. | Group in water-colour. |
| Pettigrew, William | Manchester (R. Inst.) | 15 a. | Group in oil. |
| Phillips, Thomas | Belfast | 23 c. | Design for damask. |
| Platt, Walter | Yarmouth | 23 c. | Design for dado. |
| Powell, Arthur | Nottingham | 23 c. | Design for wall paper. |
| Reynolds, Henry | Birmingham | 23 d. | Design for centre piece and compotiers. |
| Robertson, Mary | Edinburgh (Female) | 22 a. | Analysis of flowers. |
| Rosevear, Edith | Coventry | 14 b. | Painting of buildings. |
| Ruff George | Brighton | 14 a. (For set.) | Flowers in water-colour. |
| Sargent, Ailwyn | Birmingham | 14 a. | Flowers in water-colour. |
| Saunders, Jessie S. | Lambeth | 23 c. | Design for tiles. |
| Scampton, Mary A. | Coventry | 14 a. | Flowers in water-colour. |
| Sherburn, W. H. | Rotherham | 23 d. | Design for iron gates. |
| Sibbitt, Samuel | Leeds | 23 c. | Design for book cover. |
| Skinner, W. | Lincoln | 22 c. | Ornamental arrangements to fill given spaces in colour. |
| Stanley, William H. | Torquay | 22 c. | Ornamental arrangements to fill given spaces in colour. |
| Sykes, Cecil | Sheffield | 8 c. | Chalk drawing of the nude figure. |
| Taylor, James F. | South Kensington | 8 c. | Chalk drawing of the nude figure. |
| Thelwall, J. A. | Hull | 15 a. | Group in oil. |
| Thompson, Sydney M. | Belfast | 8 b 1. | Chalk drawing of head from the antique. |
| Towers, James | Liverpool (North District). | 16 a. | Monochrome painting of figure from the antique. |
| Turner, Arthur | Salisbury | 23 c. | Design for a carpet. |
| Venables, A. | Lincoln | 14 a. | Flowers in water-colour. |
| Wilson, Thomas | Edinburgh (Male) | 8 b. 2. | Chalk drawing of figure from the antique. |
| Wood, Anne | Huddersfield | 23 c. | Design for a dado. |
| Woollatt, George | Nottingham | 23 c. | Design for lace. |

Appendix C.

STUDENTS REWARDED AT NATIONAL COMPETITION OF SCHOOLS OF ART.

18. LIST of STUDENTS in TRAINING and NATIONAL SCHOLARS to whom Honorary Medals, &c. have been awarded.

SILVER MEDALS.

| Name. | Stage. | Subject. |
|---|---|---|
| Brown, F. | 8 c. | Chalk drawing from the nude figure. |
| Hill, Henry | 20 | Foliage modelled from nature. |
| Webster, A. G. | 8 c. | Chalk drawing from the nude figure. |

BRONZE MEDALS.

| Name. | Stage. | Subject. |
|---|---|---|
| Brindley, C. A. | 23 c. | Design for carpet. |
| Clausen, G. | 8 d. | Chalk drawing of figure, draped. |
| Gibbons, Edward | 23 d. | Design for door. |
| Langley, W. | 23 d. | Design for tazza. |
| Murcott, Theophilus | 12 a. | Monochrome painting in water-colour from ornament (cast). |
| Park, J. | 17 b. | Study in oil of figure, draped. |
| Sherlock, J. A. | 22 d. | Studies of historic styles of ornament. |
| Webster, A. | 9 a. | Anatomical studies. |

BOOK PRIZES.

| Name. | Stage. | Subject. |
|---|---|---|
| Addey, J. P. | 15 a. | Group in oil. |
| Clausen, G. | 9 a. | Anatomical studies. |
| Humphries, Charles | 23 c. | Design for wall paper. |
| Jobbins, W. H. | 13 a. | Painting of flowers in water-colour. |
| McNaught, A. | 22 a. | Analysis of flowers. |
| Millar, C. B. | 23 b. | Architectural design. |
| | 22 d. | Studies of historic styles of ornament. |
| Schenck, F. E. | 23 d. | Design for cups and tankards. |
| Tidmarsh, H. E. | 23 b. | Design for side of a room. |

AWARDS TO MASTERS AND MISTRESSES OF SCHOOLS OF ART IN 1875.

19. AWARDS to MASTERS and MISTRESSES of SCHOOLS of ART in 1875.

In accordance with the principles laid down by the Minute of the 19th February 1868, and having regard to the number of students taught in each School, the following sums have been awarded by the Lords of the Committee of Council on Education to the Head-masters and Mistresses of those 60 Schools of Art in which the general amount of work, as tested by examinations, was relatively most satisfactory :—

| | | £ |
|---|---|---|
| 1. William Tucker | Kidderminster | 50 |
| 2. Louisa Gann | Bloomsbury | 40 |
| 3. John S. Rawle | Nottingham | 40 |
| 4. E. R. Taylor | Lincoln | 40 |
| 5. Joseph Harris | Salisbury | 30 |

| | | £ |
|---|---|---|
| 6. William Cox | Sheffield | 30 |
| 7. David W. Raimbach | Birmingham | 30 |
| 8. John Sparkes | Lambeth | 30 |
| 9. W. J. Muckley | Manchester Royal Inst. | 30 |
| 10. Alfred A. Bradbury | Hanley | 30 |
| 11. Andrew F. Brophy | Westminster | 20 |
| 12. C. D. Hodder | Edinburgh (Male) | 20 |
| 13. Geo. A. Stewart | West London | 20 |
| 14. W. H. Stopford | Halifax | 20 |
| 15. Robert Greenlees | Glasgow | 20 |
| 16. J. F. Ryan | Yarmouth | 20 |
| 17. Thomas Baker | Bridport | 20 |
| 18. George Theaker | Burslem | 20 |
| 19. J. Bentley | Birkenhead | 20 |
| 20. Robert Clough | Saltaire | 20 |
| 21. Andrew Stevenson | Leeds | 20 |
| 22. Thomas C. Simmonds | Derby | 20 |
| 23. Z. Pritchard | Manchester Gram. Sch. | 20 |
| 24. Daniel Smith | Bradford Ch. Inst. | 20 |
| 25. James Wallace | Berwick-on-Tweed | 20 |
| 26. Alexander Fisher | Brighton | 20 |
| 27. Joseph Kennedy | Aberdeen | 20 |
| 28. W. C. Way | Newcastle-upon-Tyne | 20 |
| 29. John Parker | St. Martin's | 20 |
| 30. John Sowden | Bradford Mech. Inst. | 20 |
| 31. Thos. M. Lindsay | Belfast | 10 |
| 32. Wm. Rawson | Keighley | 10 |
| 33. John Anderson | Coventry | 10 |
| 34. J. P. Bacon | Stoke-upon-Trent | 10 |
| 35. James B. Birkmyer | Exeter | 10 |
| 36. R. Edwin Lyne | Dublin Royal Society | 10 |
| 37. James Carter | Portsmouth | 10 |
| 38. S. F. Mills | Charterhouse | 10 |
| 39. Charles Swinstead | North London | 10 |
| 40. Geo. A. Illston | Rotherham | 10 |
| 41. Arthur J. Mayne | Dublin Queen's Inst. | 10 |
| 42. John Finnie | Liverpool, South District | 10 |
| 43. Henry Hill | Northampton | 10 |
| 44. Wilmot Pilsbury | Leicester | 10 |
| 45. James Ford | Macclesfield | 10 |
| 46. J. C. Thompson | Warrington | 10 |
| 47. J. H. Tunmer | Southampton, Phil. Hall | 10 |
| 48. Henry Woolner | Coalbrookdale | 10 |
| 49. C. D. Hodder | Edinburgh (Female) | 10 |
| 50. William Stewart | Paisley | 10 |
| 51. Joseph Harris | Andover | 10 |
| 52. George Ryles | Trowbridge | 10 |
| 53. David Jones | Dudley | 10 |
| 54. Samuel J. Ireland | Barrow-in-Furness | 10 |
| 55. Herbert Gilbert | Lancaster | 10 |
| 56. S. Burkinshaw | Liverpool, North District | 10 |
| 57. T. W. H. Robinson | Lewes | 10 |
| 58. Wm. Harbutt | Bath | 10 |
| 59. George Turner | Kendal | 10 |
| 60. John Menzies | Wakefield | 10 |

Appendix C.

ANNUAL PRIZES TO MASTERS AND MISTRESSES.

20. ANNUAL PRIZES AWARDED TO MASTERS AND MISTRESSES OF SCHOOLS OF ART IN THE YEARS 1868–75.

| | 1868. | 1869. | 1870. | 1871. | 1872. | 1873. | 1874. | 1875. |
|---|---|---|---|---|---|---|---|---|
| | £ | £ | £ | £ | £ | £ | £ | £ |
| Aberdeen | — | 10 | 10 | 20 | 10 | 10 | 20 | 20 |
| Andover | — | — | — | — | — | 10 | 10 | 10 |
| Barrow-in-Furness | — | — | — | — | — | — | — | 10 |
| Bath | 10 | — | — | — | — | — | — | 10 |
| Belfast | — | — | — | 10 | 10 | 20 | 20 | 10 |
| Berwick-on-Tweed | — | — | — | — | — | — | 10 | 20 |
| Birkenhead | — | 10 | 10 | 10 | 10 | 20 | 20 | 20 |
| Birmingham | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| Bradford (High School) | — | 30 | 20 | 20 | — | — | — | — |
| „ (Ch. Inst.) | — | — | — | — | — | — | — | 20 |
| „ (Mech. Inst.) | — | — | — | — | — | 20 | 10 | 20 |
| Bridport | — | — | — | — | — | — | — | 20 |
| Brighton | — | — | — | — | 10 | 20 | 20 | 20 |
| Bristol | 10 | 10 | 10 | 10 | 10 | 10 | 10 | — |
| Burslem | — | — | 10 | — | 10 | 20 | 20 | 20 |
| Cambridge | — | 10 | — | — | — | — | — | — |
| Carlisle | — | 10 | 20 | 10 | — | 10 | — | — |
| Chippenham | — | 10 | — | — | — | — | — | — |
| Cirencester | — | — | — | — | — | — | 10 | — |
| Coalbrookdale | — | 30 | 10 | — | — | 10 | — | 10 |
| Coventry | 20 | 20 | 10 | 10 | 20 | 30 | 20 | 10 |
| Darlington | 10 | — | — | — | — | — | — | — |
| Derby | — | — | — | 10 | 20 | 20 | 20 | 20 |
| Devizes | — | — | — | — | — | 10 | — | — |
| Dorchester | — | — | — | — | — | 10 | — | — |
| Dublin (Roy. Soc.) | 40 | 20 | 20 | 10 | 10 | 20 | 20 | 10 |
| „ (Queen's Inst.) | — | — | — | — | — | — | — | 10 |
| Dudley | — | — | 10 | — | 10 | — | 10 | 10 |
| Dundee | — | — | — | — | — | 10 | — | — |
| Edinburgh, Male | 50 | 40 | 30 | 30 | 40 | 40 | 20 | 20 |
| „ Female | 20 | 20 | 20 | 10 | 10 | 10 | 10 | 10 |
| Exeter | 10 | — | — | — | 10 | 10 | 10 | 10 |
| Frome | 10 | 10 | 10 | 10 | — | — | — | — |
| Glasgow | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| Gloucester | — | 10 | — | — | 10 | 20 | — | — |
| Halifax | 10 | 20 | 20 | 20 | 20 | 50 | 30 | 20 |
| Hanley | 10 | 10 | 10 | 20 | 40 | 40 | 30 | 30 |
| Hull | 10 | — | — | — | — | 10 | — | — |
| Ipswich | 10 | 10 | — | — | — | — | — | — |
| Keighley | — | — | — | 10 | 10 | 10 | 10 | 10 |
| Kendal | — | — | — | — | 10 | 10 | 10 | 10 |
| Kidderminster | 20 | 20 | — | — | — | 30 | 40 | 50 |
| Kilmarnock | 10 | — | — | — | — | 10 | 10 | — |
| Lancaster | 20 | — | — | — | — | — | — | 10 |
| Leamington | — | — | — | — | — | 20 | 10 | — |
| Leeds (Mech. Inst.) | — | — | — | 20 | 20 | 20 | 20 | 20 |
| „ (South Parade) | 20 | 20 | 10 | 20 | — | — | — | — |
| Leicester | — | — | — | 10 | — | 10 | 10 | 10 |
| Lewes | — | — | — | — | — | — | 10 | 10 |
| Lincoln | 30 | 30 | 30 | 10 | 20 | 20 | 20 | 40 |
| Liverpool (South Dist.) | 10 | — | — | — | — | 10 | 10 | 10 |
| „ (North Dist.) | — | — | — | — | — | — | 10 | 10 |

Annual Prizes to Masters and Mistresses—*cont.*



| | 1868. | 1869. | 1870. | 1871. | 1872. | 1873. | 1874. | 1875. |
|---|---|---|---|---|---|---|---|---|
| Llanelly - - | 10 | — | — | — | — | — | — | — |
| Macclesfield - - | 10 | — | — | — | — | — | 10 | 10 |
| Manchester (Gram. Sch.) | — | — | — | — | 10 | 10 | 20 | 20 |
| „ (Roy. Inst.) | 30 | 20 | 30 | 40 | 30 | 30 | 30 | 30 |
| Metropolitan : | | | | | | | | |
| Bloomsbury - - | 30 | 40 | 40 | 40 | 50 | 30 | 30 | 40 |
| Islington - - | — | — | — | — | — | — | 10 | — |
| Lambeth - - | 20 | 20 | 40 | 20 | 20 | 20 | 30 | 30 |
| North London - | — | — | 10 | 10 | 10 | 10 | 10 | 10 |
| St. Martin's - - | 20 | 10 | 10 | 50 | 40 | 20 | 20 | 20 |
| St. Thomas Charterhouse. | 10 | 20 | 20 | 20 | 10 | 10 | 20 | 10 |
| Spitalfields - - | 20 | 10 | 10 | — | 10 | 10 | 10 | — |
| West London - | 30 | 30 | 20 | 30 | 20 | 20 | 20 | 20 |
| Westminster - - | — | — | — | — | 10 | 20 | 50 | 20 |
| Middlesbro' - - | — | — | — | — | — | — | 10 | — |
| Newcastle-under-Lyme - | — | 10 | 10 | — | — | 10 | 10 | — |
| Newcastle-on-Tyne - | 10 | 10 | 30 | 20 | 20 | 20 | 20 | 20 |
| Northampton - - | — | — | — | — | — | 20 | 10 | 10 |
| Norwich - - | 10 | 10 | 10 | — | — | — | — | — |
| Nottingham - - | 40 | 40 | 50 | 40 | 30 | 40 | 40 | 40 |
| Oxford - - | 10 | — | 10 | — | — | — | — | — |
| Paisley - - | 10 | 10 | 10 | 10 | — | — | 10 | 10 |
| Penzance - - | — | — | — | 10 | — | 10 | 10 | — |
| Portsmouth - - | — | — | — | — | — | 10 | 10 | 10 |
| Rotherham - - | — | — | — | — | — | — | — | 10 |
| Salisbury - - | — | — | — | 30 | 10 | 20 | 40 | 30 |
| Saltaire - - | — | — | — | 10 | — | — | — | 20 |
| Selby - - - | — | — | — | — | — | 10 | 10 | — |
| Sheffield - - | 10 | 50 | 40 | 30 | 30 | 30 | 20 | 30 |
| Southampton (Hartley Inst.) | 10 | 10 | — | — | — | — | — | — |
| Southampton (Phil. Hall). | — | — | — | — | — | — | — | 10 |
| Stoke-on-Trent - - | 40 | 10 | 20 | 10 | 30 | 20 | 20 | 10 |
| Stroud - - - | — | — | — | 10 | — | — | — | — |
| Sunderland - - | — | — | 10 | 10 | 20 | 10 | 10 | — |
| Trowbridge - - | — | — | — | — | — | 10 | 20 | 10 |
| Wakefield - - | — | 10 | 10 | — | — | 10 | 10 | 10 |
| Warminster - - | 20 | — | — | — | — | — | — | — |
| Warrington - - | — | 10 | 20 | 10 | 10 | 10 | — | 10 |
| Yarmouth - - | — | — | 10 | — | — | 10 | 10 | 20 |
| York - - | | — | — | — | — | 10 | — | — |

Appendix C. List of Persons who obtained Certificates.

21. Alphabetical List of Persons who obtained Art Certificates (3rd Grade) at the Examinations held at South Kensington in February and July 1875.—(Table N.)

| Name. | Address (or from what School of Art). |
|---|---|
| **Group I.—*Elementary Drawing and Colouring.*** | |
| Babb, Henry R. | Devonport. |
| Bachmann, Emma M. | Bloomsbury. |
| Bacon, Katherine R. | Lewes. |
| Brown, Alexander R. | Govan. |
| Browning, Celestia D. | Training Class. |
| Burnett, Eleanor | Birkenhead. |
| Bowness-Burton, William | Preston. |
| Bush, William | Carmarthen. |
| Bywater, Elizabeth | Training Class. |
| Cole, Hannah | Bloomsbury. |
| Coles, William Charles | Frome. |
| Cox, Thomas | Birmingham. |
| Crowther, William E. | Manchester Grammar S. |
| Fraser, Edward | Edinburgh. |
| Guillod, Bessie | Bloomsbury. |
| Hinton, Adaline C. | Bloomsbury. |
| Jefford, John Alfred | Training Class. |
| Kean, Joseph A. | Aberdeen. |
| Lane, Ellen M. | Plymouth. |
| Lovering, Ida | Bloomsbury. |
| McLelland, Robert S. | Kilmarnock. |
| Marsh, Virginia | Training Class. |
| Moffatt, Annie L. | Training Class. |
| Moore, Mary W. | Preston. |
| Nightingale, Leonard C. | Lambeth. |
| Ornsby, William G. | Newcastle. |
| Pearce, George | Derby. |
| Ramsey, Harry L. | Training Class. |
| Spark, Jane E. | Training Class. |
| Thompson, Frank | Training Class. |
| Thorne, Robert Charles | Training Class. |
| Trobridge, George | Birmingham. |
| Wallis, Walter | Birmingham. |
| Wood, Annie | Huddersfield. |
| Worsdell, Clara J. | Lancaster. |
| **Group II.—*Painting.*** | |
| Addey, Joseph P. | Training Class |
| Brown, Frederick | Training Class |
| Hodges, Charles M. | Training Class |
| Rawson, William | Training Class |
| Turner, George | Training Class |
| Tyrer, Joseph Seddon | Mansfield. |
| **Group III.—*The Figure drawn and painted.*** | |
| Campbell, John A. D. | Worcester. |
| **Group IV.—*Modelling Ornament.*** | |
| Hill, Henry | Training Class. |

GROUP V.—*The Figure modelled.*

| | |
|---|---|
| Swallow, John C. - - - - | Training Class. |

GROUP VI.—*Architecture.*

| | |
|---|---|
| Jobbins, William H. - - - | Training Class. |
| Luke, Frederick - - - - | |
| Millar, Charles B. - - - - | |
| Swire, John - - - - - | Leeds. |
| Hill, Joseph - - - - - | Training Class. |
| Pratt, Robert - - - - | Southampton Hartley Instn. |

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## 22. PRIZES of the PLASTERERS' COMPANY, 1875.

PRIZES OF THE PLASTERERS' COMPANY.

The Worshipful Company of Plasterers, London, offered the undermentioned prizes to be competed for by students in Metropolitan and Provincial Schools of Art in connexion with the Science and Art Department:—

### I.—MODEL IN PLASTER.

For an ornamental bracket intended to support a bust or statuette. It must be an original design suitable for interior decoration, and from 18 to 20 inches in height. Any style may be chosen; and the design may consist of either ornament, foliage, figure, or a combination of these.

*First Prize*, 7*l.* 7*s.*, awarded to Joseph Ellis, of the Hanley School of Art.

*Second Prize*, 4*l.*, awarded to S. D. Currie, of the National Art Training School.

### II.—A DESIGN IN MONOCHROME.

An original design, drawn or painted in monochrome, and capable of being executed in plaster, in low relief, for the ornamentation of a doorway of any of the principal rooms of a dwelling house, particular attention being paid to the ornamentation of the wall space above the architrave, technically called the overdoor. Simplicity of design to be preferred to over elaboration, as the object is to encourage a better style of ornamentation on the wall space over the doorways in houses of moderate pretensions. The drawing to be to a scale of one inch to the foot, the opening of the door 8 feet by 4 feet, the height of the room 13 feet.

*First Prize*, 8*l.* 8*s.*, awarded to William Marshall, of the National Art Training School.

*Second Prize*, 5*l.* 5*s.*, awarded to Laurie Bissett, of the Edinburgh School of Art.

These prizes are open to all students in the Provincial or Metropolitan Schools of Art, including artisan classes in those schools; but the first and second prizes in either case cannot both be taken by students of the National Art Training School at South Kensington.

The models and designs will remain the property of the competitors, but the Plasterers' Company reserves the right of taking copies of them should it be thought desirable.

Appendix C.

National Art Training Schools.

## 23. Report of the Registrar on the National Art Training Schools.

Sir,

I have the pleasure to submit my report on the National Art Training School for the year ending 31st July 1875. I am happy to say that it exhibits a steady maintenance of its attractiveness and efficiency. In the period over which this report extends, from 1st October 1874 to 31st July 1875, the number of "*students in training*" receiving instruction has been 44, and of "*national scholars*," 15. These besides being free students receive weekly allowances varying from 10*s.* to 30*s.*

During the year the Art Schools at Edinburgh, Birmingham, and Nottingham have received the temporary assistance of teachers from the Training School, and Art Masters have been appointed from its classes to the schools of Bath, Londonderry, Northampton, Kendal, and Worcester, during the same time.

Three students in training have retired from the class receiving allowances, two resigned, and one on having obtained employment as a decorator.

During the year the Art Schools of Burslem and Aberdeen have each sent one student, and Birmingham two, to the class of students in training, and the school at South Kensington has contributed three, making a total of seven received into the class in the year.

The Art Schools of Bristol, Kidderminster, Birmingham, and South Kensington have sent each one national scholar, and Warrington two, to the school during the year.

Eleven students in training have been engaged in giving instruction in district schools and elementary day schools in London, as a part of their training. Five national scholars have left, their time having expired. One went to an engagement as designer for textile fabrics, two as decorators, one as modeller, and one as designer for metal work.

A total number of 107 students have attended the schools without payment of fees; these have consisted of 44 students in training, 15 national scholars, 21 who had won free-studentships by obtaining medals in the annual national competition, or by passing examinations of the highest grade; 20 men of the Royal Engineers received free instruction, and the remainder consisted of students formerly in training, and ex-national scholars; 20 students have been admitted on payment of half-"fees."

The number of individual students of all classes attending the schools during the year has been 754, of these 362 were males, and 392 females. The total amount of fees paid by them was 2,691*l.* 6*s.*; of this sum 302*l.* 16*s.* was paid by evening students only, and the balance, 2,388*l.* 10*s.*, by day students.

The schools were open for study 203 days during the year; the smallest attendance recorded being 79 on the 1st October, and the largest 392 on the 11th June 1874. The total number of attendances on the 203 days was 64,440, the average daily attendance 317. These numbers, as compared with last year, show an *increase* of 138*l.* 11*s.* in fees, of 26 in number of students, of 937 in the total number of attendances, and of eight in the average daily attendance.

In the annual National Competition of 1875, the general or fee-paying students of these schools won 2 gold medals, 3 silver medals, and

12 bronze medals, 7 Queen's prizes of books; besides 82 prizes of books in the Local Competition. The students in training and the national scholars won in the same competitions 3 silver medals, 8 bronze medals, and 8 Queen's prizes of books; making a total of 2 gold medals, 6 silver, and 20 bronze medals, 15 Queen's prizes of books, and 82 local prizes, won by the students of these schools.

At the 2nd grade examination in May last, which consists of examinations by printed papers in geometry and perspective, and exercises in freehand and model drawing, 85 students "passed," 11 won "prizes," and 12 students obtained certificates of the 2nd grade.

At the 3rd or highest grade examinations 18 students of this school obtained the teacher's certificate.

During the year, 18 students have been *recommended* from these schools for admission to the Royal Academy, 12 of whom were admitted.

Of the annual prizes offered by the Worshipful Company of Plasterers, of 25*l.*, one of 5*l.* 5*s.* was awarded to W. Marshall and one of 4*l.* to S. D. Currie, students of this School.

Of the annual prizes offered by the Worshipful Company of Goldsmiths, which amount to 225*l.*, for "designs, models and execution of works in "the precious metals." Prizes to the amount of 125*l.* were taken by ex-students of these schools.

Prizes of 7*l.* 7*s.* and 2*l.* 2*s.* were offered by Messrs. Shaw, of London, for the best designs for certificates of merit. The first was awarded to Mr. Hinley, and the second to Mr. J. Ward.

Prizes of 10*l.* and of 6*l.* were offered by Messrs. W. O'Hanlon, of Manchester, for quilts. The first was taken by H. B. Miller, and the second by J. Park.

A prize of 5*l.* was offered by Dr. Zerffi for the best essay on the development of Art in Britain, from the beginning of the 9th century to the end of the 12th century; with illustrations of the application of ornamental art to various surfaces. This prize was awarded to Miss F. Moffatt.

Some of the students of the national scholar class have, during a portion of the year, been employed in drawing on wood the illustrations for the catalogues of Goldsmiths' Work, by Mr. J. Hungerford Pollen, and of Glass, by Alexander Nesbett, Esq.

On an average 7 students have attended the Etching Class under the instruction of Mr. T. O. Barlow, A.E.R.A.

I have the honour to be,
Sir,
Your most obedient servant,
R. W. HERMAN,
Registrar.

To the Director for Art,
Science and Art Department.

Appendix D.

REPORT ON SOUTH KENSINGTON MUSEUM.

# APPENDIX D.

## SOUTH KENSINGTON MUSEUM.

### REPORT OF THE DIRECTOR.

MY LORD DUKE,

I HAVE the honour to submit to your Grace my annual report on the South Kensington Museum and the Branch Museum at Bethnal Green for the year 1875.

Urgent need of more space.

In my last report for the year 1874 I dwelt on the need of additional space for several divisions of the South Kensington Museum. As yet no steps have been taken to provide the space so urgently needed. The Dyce Bequest is still very inadequately accommodated, and complaints of limited space and imperfect ventilation of the Reading Rooms attached to the Art and Educational Libraries have been frequent. Indeed, the ill effects of the vitiated air in the Educational Reading Room on the health of the attendants were so serious during the severe weather of last winter, that it was decided to transfer temporarily to the Exhibition galleries all the collection of educational apparatus, and a portion of the space thus gained is now used as a Reading Room.

Persian Collection.

The Assistant Directors, whose reports will appear below, both refer to the large collection of Persian art recently acquired. As the greater part of this collection had not been unpacked and registered until after the close of 1875 detailed notice of it must be deferred, but I would beg leave to take this early opportunity of recording the great obligation under which the Museum has been placed by the services rendered by Major Murdoch Smith, R.E., Director of the Persian Telegraph Department, not only in the acquisition at a very low price of this unrivalled collection at very great labour and sacrifice of time, but also in furnishing numerous and learned reports on the history of Persian art manufactures.

Mr. Leighton has been requested to proceed with his cartoon of the Arts of Peace, to be placed in the loan court.

Loan Collection of Scientific Instruments.

Throughout the year 1875, preliminary arrangements have been in progress with reference to the proposed Special Loan Collection of Scientific Apparatus, which it was originally intended should have taken place in that year, and have been held in the Museum Buildings. The rooms about to be vacated by the removal of the modern paintings belonging to the National Gallery were suggested for this purpose, but as it appeared that even could these rooms be cleared in time, they would be utterly inadequate to receive the objects promised for exhibition, advantage was taken of the offer of Her Majesty's Commissioners for the Exhibition of 1851, who most liberally placed the galleries on the western side of the Horticultural Gardens at the disposal of the Science and Art Department, and here it is now hoped that the Collection will be opened in the Spring of 1876.

In a future report a full account of the formation and subsequent progress of this special Loan Collection of Scientific Apparatus will fitly find a place. It is only necessary to record here that the aid of the leading men of Science in this country has been freely promised, and that encouraging responses have been received to communications addressed through the Foreign Office inviting the co-operation of the

various Foreign Governments in this strictly International enterprise. Eminent scientific men in various countries have joined the general committee, and these will form committees of selection, thus ensuring the admittance to the collection of such contributions only as are likely to advance the object in view. In the autumn Major Donnelly, accompanied by Mr. Norman Lockyer, visited France, Belgium, and Holland, in order to confer with the committees and to ascertain the probable contributions from these countries. Mr. Lockyer proceeded to Switzerland, and subsequently Major Festing and Mr. Lockyer visited Italy and Austria with the same object. Promises of important contributions of apparatus for scientific teaching and investigation, and also of examples possessing historic interest, have been received from these and other countries; and there appears good reason to anticipate that the progress of Science, not only in England, but also in foreign countries, will be worthily represented.

In the subjoined reports of the Assistant Directors and Museum keepers, reference will be found to the various points of interest in the progress of the Museum during the past year. Mr. Thompson relates with what success the void at the Bethnal Green Branch Museum, caused by the withdrawal of Sir Richard Wallace's magnificent collections, has been filled by the liberality of numerous contributors, and Mr. Wallis enumerates the various local exhibitions of Art and Industry which have been supplemented by loans from South Kensington, where, as Mr. Thompson states, the yearly increasing demand for such loans is with difficulty met without infringing on the utility of the parent collection. Lists of duplicates have been carefully prepared during the past year, in order to facilitate the selection of loans, and increasing attention is paid to this in the consideration of offers of Art objects for purchase.

MAJOR FESTING, R.E., the Assistant Director specially entrusted with the charge of the buildings, including lighting, heating, ventilation, &c., reports as follows:—

Works.

"No additions to the buildings either of the Museum or of the Branch at Bethnal Green have been made during the past year. The only work of any importance done by the Office of Works has been in the corridor under the Art Schools, where the walls have been recoloured, and a marble mosaic floor laid in the place of the asphalte. The appearance of this portion of the Museum has been much improved thereby, and it was ready in time for the reception of the collection recently acquired from Persia.

Consumption of gas.

"The total consumption of gas at South Kensington has been 25,259,500 cubic feet, costing 4,784*l.* 5*s.* 5*d.*

"A new supply by a 14-inch main has been laid from the Company's street main, principally with a view to the extension of the Museum buildings, but partly also to improve the supply to the existing buildings which, ever since the quality of the gas was altered, has been deficient. The necessity for an increased supply is shown by the fact that at the present time, although we do not at all times get as much light as we want, our consumption is over 41 per cent. greater than it was before the quality of the gas was altered.

"The consumption of gas at Bethnal Green has been 4,540,500 feet, costing 844*l.* 8*s.* 10*d.*

Heating apparatus.

"The heating apparatus of the Museum has continued to work efficiently. During the time that the Museum, Schools, &c. were artificially heated the mean temperature of the Museum proper was 57·7°, and that of the outside air 43·9°. Altogether 1,391 chaldrons of coke, costing 1,048*l.* 16*s.*, were consumed for heating purposes.

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REPORT ON SOUTH KENSINGTON MUSEUM.

"The annexed table gives an abstract of the temperature in various parts of the Museum and out of doors throughout the year :—

TABLE showing the Temperature during the period in 1875, the MUSEUM was artifically heated.

Temperature.

| Station. | Temperature. | | | Diurnal Variation. | |
|---|---|---|---|---|---|
| | Min. | Mean. | Max. | Max. | Mean. |
| | ° | ° | ° | ° | ° |
| Competition Gallery - | 43 | 56·7 | 68 | 12 | 4·8 |
| New Sheepshanks Gallery - | 50 | 59·4 | 70 | 11 | 4·0 |
| Long Gallery - - - | 46 | 57·9 | 73 | 15 | 6·2 |
| National Gallery - - | 45 | 56·6 | 69 | 16 | 6·3 |
| North Court - - - | 50 | 58·7 | 67 | 11 | 5·4 |
| South Court - - - | 50 | 57·9 | 67 | 8 | 5·4 |
| South-east Court - - | 49 | 57·6 | 65 | 8 | 3·2 |
| Standard - - - | 23 | 43·9 | 69 | 32 | 9·4 |

MR. R. A. THOMPSON, Assistant-Director for Arrangement, &c., reports as follows :—

Collection of Persian objects.

"The most important work of the past year has been the arrangement of the large collection of objects recently acquired in Persia. This collection, consisting of about 2,000 specimens illustrative of the arts and manufactures of that country, was secured for the Museum through the energetic and discriminative exertions of Major Murdoch Smith, R.E., Director of Telegraphs in Persia. It contains numerous examples of earthenware, glass, tiles, metal work, arms and armour, textile fabrics, musical instruments, bookbinding, manuscripts, inlaid and painted boxes, &c., the whole obtained at prices much below their market value in this country.

Arrangement of objects.

"No material alteration in the general arrangement of the collections has been found necessary, though the additions have been with difficulty arranged in the various classes to which they belong. The examples exhibited in the rooms adjoining the western entrance have been temporarily removed, in order that the walls might be cleaned and recoloured.

Additions to collections.

"Some valuable additions have been made to our specimens of Oriental art, especially noteworthy is the Japanese eagle in wrought iron ; also some fine old Japanese and Chinese bronzes, vases, figures, birds, &c. ; some specimens of Satsuma, and other varieties of earthenware and porcelain, unlike any previously in the Museum. Among the miscellaneous purchases, the most important are the remaining portion of the Bond collection of old English plate, various pieces of old Italian iron-work, and a collection of lace.

Accommodation in libraries.

"It has not been possible to increase the accommodation in the Art Library ; it gets more and more overcrowded, and necessarily more inconvenient ; and the health of the attendants is seriously affected by the bad air caused by such overcrowding.

"Arrangements are in progress for establishing a new educational reading-room, the old one having become so unhealthy, from bad ventilation and the overcrowding of readers, that half of the attendants were away ill at the same time.

Circulation of objects.

"The circulation of objects to Schools of Art and Museums in connection with the Department has been well sustained, although the drain on the Museum resources is constantly increasing ; and difficulties are

beginning to arise in keeping up the supply of specimens without seriously interfering with the appearance and utility of the parent institution. Several thousand examples have been withdrawn from the Museum for circulation throughout the country during the past year.

"No alteration of importance has taken place in the arrangement of collections of machinery, naval models, building contrivances, and fish culture.

## Bethnal Green Branch Museum.

"The collection of Sir Richard Wallace was removed early in the year, and returned to him without damage or accident of any kind. In anticipation of the withdrawal of this great collection, which occupied more than one half of the whole area of the Museum, endeavours had been made to get together from various sources loans of art objects, and through the liberality of several gentlemen we were enabled to refill immediately with valuable objects the space vacated by Sir Richard Wallace's collection."

## The Art Collections.

Mr. Wallis, the Keeper of the Art Collections, reports, that—

"Considerable improvements have been made during the year in the more precise classification and arrangement of the objects within the limited space of the Courts; but the crowded state of the collections necessitated a violation of the principle of arrangement hitherto followed. Re-arrangement of objects during the year.

"The acquisitions of the year have been of more than usual importance, as advantage has been taken of exceptional opportunities to increase the collection of Japanese objects. Some rare and valuable examples, especially in ancient metal work, have been added, together with suggestive specimens of lacquer work, pottery, and porcelain. Acquisitions during 1875.

"The most important addition, however, is that of the collection of Persian objects of industrial art, obtained through the agency of Major R. Murdoch Smith, R.E., Director of the Persian Telegraph Department, This collection which consists of metal work of a varied and highly artistic character, arms and armour, gold and silver work, personal ornaments, carvings in crystal and stone, books and other manuscripts, wood work, carved, painted, or inlaid, musical instruments, silk, cotton, and woollen fabrics and embroideries, old Persian faience, and tiles, and glass, will be specially arranged in the north cloister of the Museum, under the Art Schools, where it cannot fail to be of great value to the student, designer, and manufacturer from the high character of the ornamentation of the various objects exhibited. Persian collection.

"The donations have been comparatively few during the past year, with only one bequest. The objects given have, however, been of considerable interest if not of great value. Donations and bequests.

"The loan collection has been kept up to the standard of former years in every respect; and objects or collections which could not be received for want of space have been transferred with the full concurrence of the lenders to the Branch Museum at Bethnal Green. Loans.

"The number of persons attending the Art Museum for the purposes of study has increased during the past year, and a large number of sketches and drawings have been made for practical purposes by designers and others, and by manufacturers. These have been confined in accordance with the regulations to the objects belonging to the Museum as public property, no loans being permitted to be copied in any way without the consent, in writing, of the owners. It is, however, Use of the Museum as a place of study by designers, &c.

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Report on South Kensington Museum.

satisfactory to find that private collectors give permission more frequently than formerly. This has been the case more especially with the owners of Japanese and Chinese objects, which have been in considerable demand amongst designers and manufacturers.

## Circulation.

Demands from Schools of Art.

"Schools of Art and other institutions for the promotion of a knowledge of art throughout the country have continued to avail themselves the arrangements for the temporary loan of objects either for public exhibition or the purposes of study, and the arrangements noted in last year's report have proved fully adequate to meet all the demands coming within the official limitations.

Deposit loans in various provincial museums.

"The museum of Science and Art, Nottingham, the museum of the Wedgwood Institute, Burslem, the Smith Institute, Stirling, the Corporation Art Galleries of the Birmingham and Midland Institute and School of Art, together with the newly opened museum of Art and Industry, Sheffield, have all received suitable contributions during the year in exchange for the objects contributed in 1874, and the value of these objects for the purposes of study in connection with the classes in Schools of Art is becoming more and more recognised.

Public exhibitions during 1875.

"The principal local exhibitions of art and industry during the year 1875, have been :—

"1. Boston, Lincolnshire, held from 1st December 1874, to 31st May 1875. The number of visitors was 47,698, and the proceeds 614*l.* 4*s.* 9*d.* A surplus of 100*l.* was reported, which would be devoted to aiding the school of art, and the establishment of a museum.

"2. Winchester, held from 1st May to 3rd July. The number of visitors was 11,605, and the proceeds 908*l.* 5*s.* 4*d.* A surplus amounting to 156*l.* was reported, this being appropriated in aid of the school of art and the county hospital.

"3. The Bath and West of England Society held its usual annual meeting at Croydon, and contributions from the Art Museum formed one of the features of the Art exhibition got up in connexion with the meeting held 31st March to 4th June. The number of visitors was 43,064, and the receipts to 3,155*l.* 2*s.*

"4. Leeds held a very large and important exhibition in the Cloth Hall, and a special building called the "Edinburgh Hall," it was open from 13th May to 30th October. The number of visitors was 646,882, and the total receipts 31,000*l.* A surplus of 11,000*l.* was reported, and a debt of 9,500*l.* on the Mechanics' Institute and School of Art was paid off, leaving the balance for future aid to both institutions. A large and important contribution of works was sent out from the Art Museum.

"5. Taunton, held in the Great Hall at Taunton Castle, from 31st July to 31st December. The number of visitors was 6,954 and the total receipts 250*l.* 14*s.* 6*d.* A surplus of 100*l.* was reported, to be applied to the establishment of a museum and in aid of the school of art. The exhibition was held to inaugurate Taunton Castle as the museum of the Somersetshire Archeological and Natural History Society, that body having purchased the castle for the purposes of a museum, &c.

"6. Preston, held in the Corn Exchange from 9th August to 4th December. The number of visitors was 211,820, the total receipts, 6,992*l.* 7*s.* 4*d.*; and the surplus reported was 2,000*l.*, which was devoted to the Mechanics' Institute, in which Science and Art classes are held, and the institute for the blind.

### Reproductions.

"A new series of electrotype reproductions from 20 objects in the Art Museum have been executed during the year by Messrs. Elkington; these with a series of 10 pieces from specimens of ancient plate in the possession of the Barbers Surgeons' Company, copied by permission of that corporation, form an important addition to the collection of electrotypes for the use of Local Museums and Schools of Art."

Electrotypes.

Barber-Surgeons Company's plate.

### National Art Library.

Mr. R. H. Soden Smith, the Keeper of the National Art Library, reports:—

"1. The attendance in the Art Library has continued to increase, as it has done progressively during the last few years, notwithstanding the inconveniences to which readers are unfortunately subjected. The number recorded is 21,922, against 21,359 of the previous year.

Attendance.

"2. It has not been found possible to secure any additional accommodation in the present temporary quarters of the Library, every available space having been already utilised. The rooms, therefore, have been, during many evenings, crowded to excess, more than 70 persons endeavouring to work where there is sitting room barely for 50. I can, therefore, only repeat, with more emphasis, what it has been my duty to state in each annual report for several years past, that the need of space for those who seek to work in the Library is most urgent; that the valuable books, prints, &c. now constituting the collection, cannot be made fully available to students, and thus lose much of their public utility, owing to the make-shift manner in which they are housed; that, moreover, they are subjected to considerable risk of injury by the over-crowding of the reading room, and that in consequence, restrictions otherwise undesirable are obliged to be imposed on readers.

Necessity for additional accommodation.

"3. The classification of all works acquired has been systematically carried on, as far as the crowded state of the book shelves has permitted.

"4. Binding the books where required has been continued in accordance with the system adopted some years ago, of a selection of colours chosen according to the classification.

"364 volumes have been so bound.

"5. The number of printed books, parts, and pamphlets purchased during the past year has been 2,130; presented, 179. Among these may be mentioned Vandyck, Icones Principum, Virorum Doctorum, Pictorum, &c., 100 plates, folio (1641); Manni, Osservazione istoriche, sopra i Sigilli antichi de' Secoli Bassi, 30 vols., 4to., 1739–86; Dreux du Radier, L'Europe illustré, with portraits, 6 vols.; La Sainte Bible . . . ornée de 300 figures (after Marillier), 12 vols., 8vo., 1789; Douglas, Nenia Britannica, coloured plates, folio, 1793, a fine copy; Darly, Comic prints of characters, caricatures, macaronies, &c., folio, 1776 (coloured prints); Hogenberg', Representation de la Cavalcade, &c. à l'occasion de la Couronnement de Charles V.; plates reproduced in fac-simile, folio, 1875; Jaime, Musée de la Caricature, 2 vols, 4to., Paris, 1838; Iconographie des Contemporains, 2 vols., folio, 202 portraits, Paris, 1832; Prout, Fac-similes of Sketches made in Flanders and Germany, folio, 1833.

Additions to library.

"6. Some additions have been made to the classes of early typography, and of book ornament and illustration. Among them may be mentioned an early and rare edition of Æsop's Fables, printed at Augsburg in the 15th century, illustrated with woodcuts, folio; Le Romant

Works on typography and book ornament.

de la Rose, Gothic letter, small 4to., Paris, Vérard (1490), the curious woodcuts of this rare book aid in illustrating early ivory carvings; Voragine, Legenda Aurea oder Hist. Lombardica, Holländisch, folio, Delf, 1499–1500 (large woodcuts); Flemish Bible, folio, Antwerp, 1542 (woodcuts and initial letters); Heures à l'Usage de Rome . . . nouvellement imprimées à Paris pour Guillaume Godar, &c., 16mo., Paris, 1503 (large woodcuts and borders); Icones Mortis sexaginta imaginibus, &c. insignitæ, 8vo., Nürnberg, 1647.

"To the collection of rare lace pattern-books has been added: Vinciolo, Les Singuliers et Nouveaux Pourtraicts pour toutes sortes d'Ouvrages de Lingerie, sm. 4to., Lyon, 1592; also, Nuova Inventione de diverse Mostre Cosi di Punto in aere come d' Retticelli, &c., obl. 4to., Venetia, 1596; also, Manegetti di Ponte Fiamengo, &c., obl. 4to. (no date); also, Corona di Mostre bellissime, &c., obl. 4to. (no date); also, Livre Nouveau, dict Patrõs de Lingerie, &c., ou les Vend à Lys. chez Pierre de Saïcte Lucie, &c., 8vo., Lyon (no date).

Duplicates of works.

"7. Duplicates of books much in request, either by the readers in the central library or for loan to provincial schools have been acquired, as far as funds would permit; but the present grant of the Library is inadequate to supply, as should be done, this very pressing need. Of many works, a large number of copies are required, the demand being constant, and their use such that several volumes have been worn out by daily handling. Books of considerable cost are among those much needed in duplicate; a few of these have been secured during the past year, but many more are still wanted. A book is kept in which works most in use are noted; and whatever portion of the present limited grant can be devoted to the purpose is spent in the acquisition, as opportunity offers, of books from this list. Among the more important duplicates acquired during the past year are,—Owen Jones's Grammar of Ornament, a work that has much risen in price since its publication; Carter's Painting and Sculpture in England; Daly, Motifs Historiques d'Architecture, 2 vols.; Daly, L'Architecture privée au xix^me^. Siècle, 3 vols.; Letarouilly, Edifices de Rome Moderne, 6 vols.; Roberts, The Holy Land, 3 vols., a subscriber's copy in parts; Froehner, La Colonne Trajane, reproduite en Phototypographie, Paris, 1872.

Exchanges.

"8. The system of exchange of the publications of this Department for those of Foreign Museums, some of the results of which have already been alluded to, has been carried out as before, and some interesting acquisitions have thus been made; the table at page 444 (No. 5), gives details.

"9. Booksellers' lists, catalogues of sales and advertisements of new works, British and Foreign, have been systematically examined, as heretofore; the works wanted for the Library noted, and, as far as possible, purchased; copies of the titles have been supplied for the use of the editor of the Universal Catalogue of Art Books, a Supplement, and Index to which are in preparation. A tabular statement showing the number of works on art known to have been published in their respective countries is given at page 445. The total is 659, of which 470 have been acquired.

Original drawings.

"10. The number of original drawings acquired during the past year has been 2,513. Among these must first be mentioned the important bequest of the late Mr. J. B. Waring, being the whole series of his original drawings of architectural ornament, amounting to about 2,400; large selections from these interesting works of the accomplished artist will be exhibited, or otherwise rendered available to students whenever the fitting space for such purposes, so much needed, and so often demanded, shall have been provided. This collection includes drawings made on the spot, often carefully worked out and coloured, of architectural monuments in

Spain, Italy, and France; among them the original designs for much which the author subsequently published. A very fine original drawing has been acquired, attributed to Giulio Clovio, an admirable work; also a fine drawing by Vasari, and four designs of ornament from the hand of Giovanni da Udine; also the original design by the late Mr. Alfred Stevens for the bronze doors of the Geological Museum. This fine design, it is to be regretted, has, as yet, never been carried out. A series of careful drawings by H. G. Fuchs of the ancient enamel reliquary of St. Maurice, preserved in the church of St. Maria, Cologne; coloured illustrations of jewellery copied from portraits of the cinque-cento period in the Museum of the Louvre, by T. W. Wilson.

Engravings.

"11. The collection of engravings has been increased by 1,587.

"Additions have been made to the series—very valuable to students of ornament—of the works of the 'Little Masters' of the German school, in the 16th century; examples having been acquired of Aldegrever, Beham, Pencz, De Laulne, Gribelin, and others.

"The best of these, and of other works of a similar class, are each year becoming more prized and sought for, and the prices, consequently, have increased within a short period more than four-fold; it is, therefore, very difficult with the limited means at the disposal of the Art Library to secure the specimens that are needed, and it is impossible to form such a series of duplicates as may be of use in provincial schools, without seriously impairing the utility of the central collection. A number of etchings by modern artists, chiefly of the French School, has been acquired, and by exchange of Department publications with the authorities of the city of Paris, various engraved works of interest have been obtained, including plans of the city, illustrations of frescoes, by Ingrés, Signol, &c.

Collection of engraved portraits.

"12. The collection of engraved national portraits has been augmented by about 100 works, some of them of considerable interest and importance; the value of these works also has so greatly increased within a very recent period as to render their acquisition difficult, without more liberal means of purchase than exist at present.

Photographs.

"13. The number of photographs added to the collection during the past year has been 1,517. Among these are a series of 135 fac-similes of original drawings, by old masters, existing in the collection of the Royal Academy of Fine Arts at Venice, presented by the Baroness Meyer de Rothschild; 54 photographs from rare engravings of ornament of the early German masters, in the collection at the British Museum, presented by Mr. Cundall; a collection of 250 photographs of various objects of art, armour, ornamental metal, works, &c., in the Museum of Art Industry, at Milan, received in exchange from the authorities of that Museum; a remarkable series of 131 large photographs of tapestries in the Royal Palace, at Madrid; 90 photographs of casts of ornamental details in the Royal Architectural Museum, Westminster; 45 photographs of the results of explorations recently undertaken in the city of Paris, received in exchange from the Préfet de la Seine; 23 photographs of art objects preserved in the Metropolitan Museum of Art, New York; 9 large photographs of the Triumph of Julius Cæsar, taken from the original cartoons by Mantegna, preserved at Hampton Court; 63 photographs of ancient Indian sculpture, and other antiquities, obtained through the Madras School of Art; 161 photographs of important objects of art, preserved in the Art Museum, South Kensington, or on loan thereto.

"14. 1,970 drawings, diagrams, and prints; and 908 photographs belonging to the Art Library have been lent during the past year, either for exhibition in the Art Museum, or in Provincial Collections, and Schools of Art, or for use in the Lecture Theatre. In addition to these,

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REPORT ON SOUTH KENSINGTON MUSEUM.

there is a large collection of drawings, illuminations, prints, and photographs, already deposited in the circulating collection in charge of the Art Museum, or exhibited in the galleries here.

Catalogue.

"15. The cataloguing of all books acquired up to the present time has been carried on as heretofore, and is complete; there are no arrears. Copies of the titles of all books so acquired, and not already included in the Universal Catalogue of Art Books have been furnished to the editor of that work.

"The slip catalogue for general use has been kept up, and others likewise available in the reading room have been marked up, with the latest acquisitions; the index of subjects, &c., of books acquired—a very important work—has been, as far as possible, kept up.

"16. A list of works on pottery and porcelain contained in the Library, arranged under author's names, together with an index of subjects, has been prepared and printed for the use of readers and visitors. It is in contemplation to issue other similar classified lists of various sections of the Library, and the materials for some are collected. I hope, however, before long, to be able to send to press a similar classification of the works contained in the Library, illustrating the subject of costume.

Statistical tables.

"17. The appended tables (*see* pages 437 to 445) furnish, 1st, a comparative statement of the statistics of the Library for five years past; 2nd, the return of the number of readers during 1874, with average of daily attendance, showing the largest numbers that have ever before used the Library in one year; 3rd, the return of the number of books, prints, &c. lent to Schools of Art; 4th, the list of donations to the Library; 5th, the list of publications received from various foreign museums and other institutions in exchange for the publications issued by this Department; 6th, the return prepared by Dr. Appell, Assistant Keeper, of the number of art books and pamphlets published during the year 1875, classed according to the countries of their publication; 7th, a list of serial and other publications received in the Art Library."

## EDUCATIONAL AND SCIENTIFIC COLLECTIONS.

MR. A. C. KING, the Keeper of the Educational Library and Collections, reports as follows:—

"1. THE LIBRARY.—1,309 books and pamphlets have been added to the Library in 1875 by donation, loan for exhibition, and purchase.

Donations.

"The donations, 295 in number, comprise the following,—

Vols. 28–30 of the great Quarto Edition of the works of Frederick the Great. These complete the copy recorded in the 19th Report, p. 390, as presented to the Library by command of the Emperor of Germany.

Lavoisier's complete works, 4 vols., 4to., and Hist. Générale de Paris, 7 vols., 4to., from the Municipality of Paris.

A collection of Hungarian and Slavonian school books received through the Education Office, Downing Street.

"The remainder of the donations are chiefly continuations of periodical publications.

231 educational works have been contributed on loan for exhibition and reference in the reading room, by 15 publishers.

Purchases.

Of the purchases, 853 in number, the following are the most important,—

A set of the publications of the Hakluyt Society.

The Quarterly Journal of the Geological Society of London, from commencement.

The Annual Reports of the British Association.
Journal of Anatomy and Physiology (the second series).
Annales des Sciénces Naturelles (Zoologie).
Zeitschrift für Wissenschaftliche Zoologie.

"The return of readers is as follows:—

| | |
|---|---|
| Managers and teachers of schools for the poor, including pupil teachers | 3,959 |
| Students in Art and Science in schools connected with the Department | 6,518 |
| Persons reading for examination, and miscellaneous visitors | 9,465 |
| Total | 19,942 |

Showing an increase of 318 over the return for 1874, and an average attendance of 64 on each of the 311 days on which the reading room was open.

"The unsuitableness of the reading room for this increasing number of students has become more and more evident. During the severe weather of the early winter it was at times almost impossible to keep open the skylights, by which the room is mainly ventilated. The effect on the health of the attendants who are compelled to spend many hours daily in this vitiated atmosphere was very injurious.*

Educational Apparatus.

2. "THE COLLECTION OF EDUCATIONAL APPARATUS.—Several examples of school desks and seats have been renewed by the exhibitors, but only two new ones have been received. The fertility of invention in school fittings which has marked the last few years, especially in 'convertible desks,' each maker aiming at some distinctive peculiarities of construction, appears to have been checked, owing probably to most of the school boards having now definitely adopted certain patterns. An ingenious 'stand rest' for teachers is exhibited by Dr. Kendrick, of Warrington.

"Mr. A. W. Faber has sent an important collection of drawing appliances.

"An early example of a camera obscura, said to have belonged to Sir Joshua Reynolds, has been given by Mrs. J. B. Harrison, through R. Clothier, Esq.

"Elementary collections and examples of chemical and physical apparatus have been sent by eleven manufacturers. Several others have expressed their desire to become permanent exhibitors of the apparatus they hope to contribute to the approaching special Loan Exhibition of Scientific Apparatus.

"The new edition of the Catalogue of the Educational Library and collections which has been for some time in preparation has at length been issued. It comprises 692 pages, in double columns—an advance of 250 pages on the previous edition.

"In accordance with official instructions I, in August 1875, visited the Exhibition connected with the International Geographical Congress in Paris, in order to report on any maps, &c., which might appear to be specially desirable acquisitions for the Museum. The collection was very extensive and varied, but I found that many of the best maps and models were not obtainable by purchase, and that examples of others contributed by Germany, Austria, Hungary, Sweden, and Norway, had

* By the removal of the models of school furniture and other educational apparatus to the galleries of the Exhibition building, a more spacious and better ventilated reading room has now been provided.

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already been acquired by the Museum, from the International Exhibitions of 1862 and 1871. Fifteen maps have since been purchased on my recommendation, and two raised models ordered, one of France, the other of a portion of the Swiss Alps, which have not yet been delivered.

## Collections in Exhibition Galleries.

Mr. Sandham, assistant-keeper, in charge of the following six divisions or collections of the Museum exhibited in the galleries of the Exhibition of 1862, reports as follows. Detailed lists of the recent additions to these collections will be found at pages 446–7.

### 1. Collection of Building Materials and Models of Construction.

Building materials. Models of construction.

These collections now occupy the whole of the ground floor and a portion of the upper floor of the Exhibition of 1862 galleries, overlooking the gardens of the Royal Horticultural Society.

The collection of building materials comprises the following classes of objects employed in building and construction, together with drawings and models of buildings:—

Class A.—Building and other stone.
Class B.—Marbles of all kinds.
Class C.—Slate, roofing and other kinds.
Class D.—Cements, plasters, limes, mortars.
Class E.—Building bricks, plain and ornamental.
Class F.—Tiles, roofing and flooring.
Class G.—Terra cotta applied to decorative purposes, and construction.
Class H.—Earthenware applied to sanitary purposes, and comprising drain pipes, chimney tops, closet apparatus, &c.
Class I.—Asphalte and bitumen applied to footways, roof flats, waterproof brickwork, &c.
Class J.—Iron work applied to construction and decorative purposes, girders and joists for fireproof floors, window sashes, balcony fronts, door and window panels, iron staircases, &c.
Class K.—Woods, English and foreign, used for doors, floors, windows in buildings, and for ornamental decoration.
Class L.—Glass of every description. Roofing tiles and slates of glass. Window glass, ordinary and ornamental. Area lights, coal hole plates, &c.
Class M.—Mosaics for wall and other decorations. Glass mosaic, and ceramic mosaic work.
Class N.—Paper, paper hangings, ordinary and special. Papier-maché and carton-pierre decorations.
Class Y.—Models of construction, and buildings completed. Details of roofs, floors, doors, windows, &c.
Class Z.—Architectural drawings, plans, elevations, and details of buildings carried out by various architects.

Numerous and valuable objects of English and foreign manufacture are exhibited under each of the foregoing classes. They are perhaps unique in the United Kingdom for interest, as they illustrate the progress of materials used in the building trades and in construction from the year 1851 up to the present time.

The entire collection of building materials is now available for public study and information.

Labelling.

Some 480 written labels have been displayed throughout the collection besides 150 general descriptive printed labels.

## 2. Collection of Ship Models and Marine Engineering.

Appendix D.

Report on South Kensington Museum.

During the year 1875 some additions have been made to this collection, details of which will be found at page 446.

A few models during the year were withdrawn by their owners for temporary exhibition in the provinces. These have for the most part been returned to the Museum, and are again exhibited on loan.

Withdrawals.

Nothing of Admiralty property remains now in the collection.

## 3. Collections of Models of Machinery.

During the year 1875 little has been added to the collection of models of machinery, owing to the want of proper space and convenient situation for the exhibition of such objects.

In the autumn of the year Mrs. Simon Goodrich, presented to the Museum a series of plans and drawings by her late husband Mr. Simon Goodrich, for many years engineer to the Admiralty at Woolwich, Portsmouth, and other dockyards.

A descriptive catalogue of the objects exhibited appertaining to marine and general machinery was compiled during the year.

Catalogue.

## 4. Collection of Munitions of War.

Since my report for the year 1874, only one addition has been made to the collection of munitions of war; a field service telegraph devised by Staff Serjeant Powell, of the Royal Marines, Light Infantry, and exhibited by him.

Loan.

A descriptive catalogue of the collection has been compiled an printed.

Catalogue.

## 5. Collection of Engraved National Portraits.

In the beginning of the year 1875 the collection of engraved national portraits, referred to in my report for 1874 upon the collections in the Exhibition of 1862 galleries, was removed on loan to the museum at Edinburgh. 411 engravings were sent. In the autumn of 1875, 42 new engravings were exhibited. They comprise national subjects for the most part, and afford considerable interest and information, as a very exhaustive printed label is attached to each engraving.

## 6. Collection lent by the Palestine Exploration Fund Society.

The Palestine Exploration Fund Society placed on loan for exhibition to the public in the year 1870, a collection of antiquities discovered from time to time since 1866 by explorations in Palestine under the direction of the society.

These antiquities for the most part comprise ancient objects in pottery, glass, stone, metal, and wood.

During the year 1875 the Society transferred a considerable portion of their collection to the temporary exhibition of art and industry held at Leeds during the summer.

In November these objects were returned to the custody of the Museum. The following additions have been made to the collection:—

Modern arab jewellery in silver, consisting of finger rings, anklets neck and waist ornaments, both for male and female wear.

A scroll of leather, the Book of Esther.

Appendix D.

A reproduction of an account in Chaldee of the Deluge.

A few photographs of discoveries made in and near Jerusalem.

The glass, pottery, metal, and stone work form attractive objects to the general public.

REPORT ON SOUTH KENSINGTON MUSEUM.

MR. MATCHWICK, Division Keeper, reports on the TWO COLLECTIONS of FOOD and ANIMAL PRODUCTS as follows:—

"The Food Collection at the Branch Museum, Bethnal Green, has received many valuable additions during the past year. An arrangement has been carried out, by which the services of Professor CHURCH, of the Royal Agricultural College, Cirencester, have been secured for the purpose of re-modelling the scientific basis of the Collection, and to a considerable extent re-arranging the classification of the illustrations. Professor CHURCH has already made many very valuable alterations and additions, particularly as regards the contents of those cases which exhibit the constituents by chemical analysis of various descriptions of vegetable and animal food. A very important section of the Collection is devoted to the Adulteration of Food; and in order to extend the usefulness of that section the Lords of the Treasury have sanctioned the employment of JAMES BELL, Esq., Principal of the Laboratory attached to the Board of Inland Revenue, Somerset House, to superintend the formation of as complete a series as possible of all the known substances used as adulterants, the mode of employing such substances, and otherwise to illustrate the section as completely as it is possible to do. Mr. BELL has not yet made a commencement, but arrangements are in progress which will enable him to begin the work in the course of a short time.

Donations.

"The donations to the Collection during the year have been but few; some samples of raw and refined sugar from Messrs. MARTINEAU and SONS, and of cocoa from Messrs. FRY, of Bristol, being the only ones deserving mention. Various examples of preserved meats from Australia in hermetically sealed tins have been lent for exhibition by Mr. TALLERMAN.

Purchases.

The only purchases during the past year that need be reported are two large cases containing a variety of stuffed and mounted examples of British game birds, wild fowl, and domestic poultry. These have now been added to the Collection and are intended to supplement and complete the series. The flesh of deer not having been as yet represented in the Collection, stuffed heads, male and female, of red deer, fallow deer, and roe deer, have been purchased to illustrate venison. From time to time it is necessary to buy, for renewal of such as have perished, small samples of various grains and other dry substances, the expenditure being but trifling.

Fish Collection.

Numerous additions of casts of fish and other objects have been made to the Collection of Economic Fish Culture on loan from Mr. BUCKLAND, and the usual experiments in artificially producing and rearing living examples of salmon, varieties of trout, char, and other fish from their ova have been successfully carried out.

Economic Entomology.

"Thirty-seven cases filled with illustrations have been supplied by Mr. ANDREW MURRAY during the year, most of them entirely new, the others re-arranged and added to, and the Entomological Collection has made altogether considerable progress. The revision and re-adjustment of the materials already in the Collection has been gone on with, and it is expected will be completed by the time this report is in the hands of My Lords. The older and smaller illustrations, as well as those which have become dirty and discoloured by exposure, have been re-done of a uniform size with that now adopted, and a character of uniformity, which it did not previously possess, has consequently been impressed on the whole Collec-

tion. The specimens that have been injured by the accidents of time and exposure to light have been renewed, and new additions when they have come in the way have been incorporated. The supply of deficiencies and general advancement of the Collection has also been specially attended to; but, instead of the work in this direction having been spread over the whole of it, it has been concentrated on the portion on which a catalogue has been prepared, and the first part published at the price of *one penny*. A number of other parts, sufficient to make up a volume, are already in type and will shortly be issued. The portion of the Collection so catalogued is the *Aptera* (comprising the centipedes, scorpions, spiders, and mites). To this, large and instructive additions have been made, and it is thought that it is now in such a condition, that, barring new discoveries, it will not need to be touched for many years to come.

Circulating cases.

"The set of cases containing illustrations of the analysis of various kinds of Animal and Vegetable Food, and Beverages, specially prepared for circulation in the country, has been sent to York and Staleybridge. Before it goes out again the series will be submitted to Professor CHURCH for such changes as will bring it into harmony with the modifications and alterations he is now making in the Food Collection generally.

Catalogues.

"A new edition of the Catalogue of the Food Collection is being prepared by Professor CHURCH, and will be issued in the the course of this year. It is intended that this new edition shall be subdivided into parts, with illustrations, which, in addition to the complete volume, will be published and sold separately at *a penny* each part.

Labels and Labelling.

"During the past year 6,450 labels, printed and written by hand, have been done for the Collection. In this large number are included the necessary duplicates to replace such as have become soiled or otherwise rendered useless, as well as the 50 copies of each of the new analysis of food labels prepared by Professor CHURCH. Printed labels are now generally substituted for written ones, 6,130 of the above total number having been printed labels. In such a Collection as this, where the separate examples of substances and other illustrative objects are innumerable, and where it is desirable that each and everything should, if possible, have a legible description attached, the work of labelling is arduous and constant.

## ANIMAL PRODUCTS COLLECTION.

"During the past year some important additions have been made to this Collection, and most of those sections of it which have hitherto been but imperfectly illustrated are now fairly represented by appropriate examples. For many years the sections or divisions of the Collection alluded to were mainly illustrated by various exhibitors, who obligingly deposited for display the required examples, in some instances of very considerable pecuniary value; but when the Collection was of necessity temporarily withdrawn, and afterwards removed to the Branch Museum of the Department at Bethnal Green, the most important of the exhibitors removed their goods, particularly in the sections devoted to furs, silk manufactures, ivory, tortoise-shell, and animal perfumes. Since the removal of the Collection to the East end of the Metropolis it has been decided to acquire by purchase such examples as may be necessary, instead of accepting them on loan from exhibitors; and thus gradually fill up the gaps in the various sections with suitable and as much as possible, with typical illustrations. In this arrangement there are obvious advantages; first, in the opportunity of obtaining such objects as are specially suitable; secondly, that when thus purchased they become national property; and, thirdly, that when deposited in the

Appendix D. Report on South Kensington Museum.

Collection they are irremovable, unless rendered unfit for exhibition by age or decay.

Waste Collection.

"In my last report mention was made that a Collection, illustrating the Utilization of Waste Products, was in course of formation by Mr. P. L. Simmonds for the Department. This Collection is now completed and arranged in a temporary position on the basement floor under the Food Collection, and was opened to the public in October last. Most of the products exemplified are either of a vegetable or animal nature, but there are some few that are metallic or mineral. It is classified under three divisions,—Vegetable waste, Animal waste, and Mineral waste.

Donations, Loans, and Purchases.

"The donations to the Collection during the year include a Japanese model of apparatus used in the manufacture of leather; soaps and pomades from Messrs. Piesse and Lubin; raw silk spun at the International Exhibition of 1873, from Sir Daniel Cooper; examples of the utilization of sewage from Scott's Sewage Company; 63 Norwegian pearls from freshwater mussels, given by Messrs. Phillips, Brothers, and Son; and native specimens of leather, &c. from Central Africa, given by P. L. Simmonds, Esq.

"There was also a bequest under the will of Mr. Hall, of a tusk of the Narwhal (*Monodon monoceros*).

"Among the objects deposited for exhibition the following may be noticed:—

"A very valuable and extensive collection of silk stuffs of foreign manufacture lent by Her Majesty's Commissioners of the Exhibition of 1851. These examples are from Japan, China, Algiers, Siam, Persia, Cyprus, Broussa, Adrianople, and Damascus. Four elephants' tusks, two stuffed heads of the Gour (*Bos Gaurus*), and four glazed cases, containing mounted specimens of various animals, lent by J. D. Goldingham, Esq.

"The purchases during the year were as follows:—

"Illustrative sets of specially selected specimens in illustration of the industrial application of shells, ivory, bone, tortoiseshell, horn, feathers, coral, and insects; an unusually fine head, with antlers, of the Wapiti deer (*Cervus Canadensis*), from California; and a series of the rarer kinds of animal oils.

Labels and Labelling.

"The total number of labels prepared for the Collection during the year was 6,218, of which 5,997 were printed, and the remainder done by hand. It should be explained that in this number are included the duplicates for renewal when necessary, and that four copies of 938 were for the Waste Collection.

"Printed labels for the Collection are fast superseding those written by hand; but as the objects are exceedingly numerous, and a separate label to each generally necessary, it is only by degrees that they can be prepared.

"In conclusion, I have again to notice the great want of space for the proper display of the Collection, as well as the deficiency of glazed cases in which to place and arrange the specimens; so much so that a considerable portion of the recently acquired examples cannot at present be exhibited for want of the necessary accommodation."

### *Publications.*

From a return prepared by Mr. Pollen, it appears that the following publications have been issued by the Department during the year 1875:—

A catalogue in two volumes of the printed books and manuscripts of the Dyce Bequest. This has been enriched by a biographical notice

of the Reverend Alexander Dyce, from the pen of Mr. John Forster, one of his executors.*

A new (the 9th) edition of the Catalogue of the Educational Library and Collections.

Catalogues of the Collections of Munitions of War and of Models of Machinery, &c. shown in the Exhibition Galleries.

A descriptive Catalogue of the Collection at the Bethnal Green Branch Museum, illustrating the Utilisation of Waste Products.

A Catalogue of the Objects contributed on Loan to the Wedgwood Memorial Institute at Burslem.

The descriptive Catalogue of Fictile Ivories in the Museum, by Professor Westwood, the preparation of which has been announced in former reports, is now complete and ready for binding. It comprises an erudite treatise on the Continental Collections of Classical and Mediæval Ivories, and taken in conjunction with the work on Original Ivories in the Museum prepared a few years ago by Mr. W. Maskell, will form the most important work on the subject issued for many years past either at home or abroad.

The Catalogue of Bronzes by Mr. Fortnum, that of Swiss Coins by Mr. Stuart Poole, and that of Goldsmiths' Work by Mr. Pollen, are approaching completion. Mr. Alexander Nesbitt has undertaken the preparation of a Catalogue of the Glass Vessels in the Museum Collection, which will be preceded by an Historical Essay on the subject.

The works already mentioned are published by Her Majesty's Stationery Office, but in addition to these Messrs. Chapman and Hall have in accordance with the instructions of my Lords, undertaken the publication for the Science and Art Department of several works, which will, it is believed, prove of great value in diffusing the knowledge of Art as applied to Industry. By special arrangement with the publishers, these works are sold in all museums connected with the Department at prices little, if at all, exceeding the actual cost of printing, &c.

Among these are reprints in shilling volumes, fully illustrated, of the historical introductions to the more expensive catalogues of—

Textile Fabrics, by Dr. Rock.
Maiolica, by Mr. C. Drury Fortnum.
Furniture, by Mr. J. H. Pollen.
Ivories, by Mr. Wm. Maskell.
Musical Instruments, by Mr. Carl Engel.

In editing and preparing these for the press, my Lords have been able to secure the services of Mr. William Maskell, who is also now preparing a similar volume on the chief divisions of Industrial Art. It is proposed that this shall also be issued in penny parts, each treating of some one subject, as Metal Work, Enamels, Lace, &c., thus bringing instruction on these subjects within the reach of the poorest student.

Messrs. Chapman and Hall have also undertaken the publication of an illustrated catalogue of the water-colour drawings in the Museum, with an introduction by Mr. Samuel Redgrave.†

I have the honour, &c.
(Signed) PHILIP CUNLIFFE OWEN,
Director, S.K.M.

* A few weeks only after this notice had been written, the world of literature sustained a severe loss by Mr. Forster's death. Of his munificent bequest of his library, &c. to the South Kensington Museum, a detailed account must be reserved for next year's Report.

† The recent death of this gentleman, who has for some years rendered important services to the Museum in the arrangement and cataloguing of various special Loan Collections, will not hinder the publication of this work, which he left nearly complete. His brother, Mr. Richard Redgrave, R.A., has kindly promised to revise the proofs.

## Appendix to Director's Report.

### (*a.*) Art Museum.

(1.) List of Contributors and Loans to Art Museum, 1875.

H.M. the Queen. Five oil paintings by J. Bogdane.
Barker, E. B. B., Esq. A Persian sabre.
Basilewsky, Monsieur. A collection of 156 specimens of arms and armour six pieces of embroidery on velvet.
Betts, Major. Thirteen specimens of embroidered needlework.
Blumenthal, J., Esq. Nine silvered-copper Persian bowls.
Bolivar, Don F. S. A gold snuff-box.
Bond, Joseph, Esq. A collection of silver plate, porcelain, enamels, &c.
Bosman, C. H. M., Esq. Old Japanese bronze group.
Brassey, T., Esq., M.P. Marble group by Wilke.
Brown, James, Esq. Bronzed plaster equestrian statuette.
Buchanan, Capt. T. J. Black lacquer box; porcelain cup.
Compton, W. J., Esq. A collection of porcelain, chiefly English; a Limoges enamel plaque.
Constable, Miss. Two water-colour paintings by J. Constable, R.A.
Cosier, W., Esq. (trustees of the late). A collection of oil and water-colour paintings and drawings, and of objects in bronze, jade, ivory, porcelain, &c.
Dillon, Frank, Esq. Persian and Rhodian tiles; Turkish and Siculo-Moorish jugs.
Eastwood, E. J., Esq. An oil painting by E. le Sueur.
Edwards, Rev. E. J. Seventeen miniature portraits.
Edwards, F. Y., Esq. Fourteen oil paintings.
Engel, Carl, Esq. Thirty-seven musical instruments.
Everall, Henry, Esq. Chinese carved wood cabinet and stand.
Falcke, Isaac, Esq. A large collection comprising porcelain of various European and Chinese and Japanese manufactures; furniture; casts by Flaxman; bronze work; oil and water-colour paintings; miniatures, and other miscellaneous objects; in all 941 specimens.
Fortnum, C. D. E., Esq. A medallion portrait in wax, and a bronze medal by Leone Leoni.
Fowke, F. R., Esq. Gold case, containing set of mathematical drawing instruments.
Foy, Mrs. African objects.
Gardner, J. Dunn, Esq. A silver mounted stoneware sack jug.
Gladstone, Right Hon. W. E., M.P. A collection of carved ivory objects.
Glassford, James, Esq. A pair of large Japanese porcelain vases.
Goding, C., Esq. Five gold snuff-boxes; knife with gold enamelled handle; crystal reliquary, inlaid with gold.
Gordon, Hon. Sir A., K.C.B. Pair of brass lamp-stands.
Gray, Mrs. E. C. Hamilton. Collection of painted terra-cotta vases, &c.
Greene, T. W., Esq. Nine pieces of porcelain; model in terra-cotta.
Grice, J., Esq. An oil painting by E. Verboeckhoven.
Haslem, John, Esq. Three Derby porcelain plates.
Ingram, Mrs. A collection of oil and water-colour paintings and drawings, and engravings. (For exhibition at Boston.)
James, Miss S. A. Collections of oil and water-colour paintings, and of drawings in chalk, Indian ink, &c.
Kopsch, H., Esq. Porcelain and enamel vases, &c.
Lawrence, Rev. R. Gwynne. Silver-gilt and crystal ciborium.
Leigh, Col. Egerton, M.P. Silver and silver-gilt plate; two gold rings; earthenware pipe.
Lord Mayor, the Right Hon. the. Thirty-one oil paintings; four water-colour drawings; two mezzotint engravings; a needlework portrait.

MacCallum, Mrs. A collection of 77 pieces of lace.
Massey-Mainwaring, the Hon. W. F. B., and the Hon. Mrs. Lee Mainwaring. Sixty-two oil paintings, and a collection of silver plate, porcelain, &c.
Michieli & Co., Messrs. Bronze vase, plateau, and pair of candelabra.
Millais, J. E., Esq., R.A. Italian carved wood cabinet; two carved wood chairs.
Milligan, Major. Six oil paintings.
Murray, Lady James. Oil painting attributed to Corregio.
Newman, Mrs. C. S. A glazed earthenware three-handled cup.
Osmond, Capt. G. W., R.N. Silver-gilt salt cellar and tankard.
Page, Mrs. Henry. An oil painting, attributed to Velasquez.
Phillips, Bros., and Son, Messrs. A cloisonné enamel chandelier.
Power, Col. E. H. Burmese objects.
Ravené, Louis, Esq. A brass chandelier.
Reid, Mrs. Rawson. A wood crucifix, with ivory figure.
Renton, Mr. Chelsea porcelain figure of Sir John Falstaff.
Salting, W. S., Esq. Chelsea porcelain group.
Sandwith, T. B., Esq. Cretan lace.
Scott, Adam, Esq. Carved jade sceptre.
Shoolbred, J. N., Esq. Embroidered mitre and lappets.
Sligo, Marquis of. Jewelled silver chariot, representing the Triumph of the Emperor Maximilian.
Smith, R. H. Soden, Esq. A collection of English and Oriental earthenware and porcelain.
Surtees, Rev. Scott F. Knives with porcelain handles.
Taylor, T., Esq. An oil painting by S. L. Fildes.
Teleki, Le Comte Domenique. A piece of Gobelins tapestry.
Thompson, Alfred, Esq. Nine white porcelain figures.
Trestrail, Mrs. E. R. Picture in wool work.
Waithman, Joseph, Esq. Pair of Derby porcelain figures.
Walcott, Rev. Mackenzie, B.D. Thirteen old tiles.
Wells, A., Esq. Oriental carved crystal and jade objects.
White, T., Esq. Carved ivory group.
Wright, Mrs. Two oil paintings.
Yescombe, Rev. Morris. Crown-Derby porcelain cabaret.

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(2.) LIST of CONTRIBUTORS who WITHDREW their LOANS during the year 1875.

Beck, Rev. J.
Bentinck, G. A. Cavendish, Esq., M.P.
Boesch, M. Antoine.
Bruce, the Hon. T. C.
Buccleuch, the Duke of.
Buchanan, Capt. T. J.
Burnside, R. J., Esq.
Charsley, Miss.
Chester, Rev. Greville J.
Clarke, E. S., Esq.
Cox, C. H., Esq.
Dalgety, F. G., Esq.
Dasent, Dr. G. W.
Davis, F., Esq.
Denman, J. T., Esq.
Dilke, Sir C. W., Bart., M.P.
Donnelly, Mrs.
Edwards, Rev. E. J.
Edwards, Morton, Esq.
Fayet, Mons.
Fenton, Capt. E. D.
Ffennell, Rev. W. J.
Guthrie, Col. C. S.
Haynes, Rev. R. J.
Hooper, Rev. R. Poole.
Hutchinson, Dr. T. J.
Jones, John, Esq.
Knowles, Mrs.
Lawrence, Rev. R. G.
Leigh, Col. Egerton, M.P.
Leyland, F. R., Esq.
Mackenzie, Capt.
Malahide, Lord Talbot de.
Man, Captain.
Marshall, M., Esq.
Michieli & Co., Messrs.
National Safe Deposit Company (Limited).
Naylor, R. C., Esq.
Pearce, Sergt. J.
Pickstone, W., Esq.
Preece, G. E., Esq.
Ravené, Louis, Esq.
Reid, Mrs. Rawson.
Salting, W. S., Esq.
Strangford, the Viscountess.
Tayler, Wm., Esq.
Taylor, Rev. Montagu.
Verity, R., Esq.
White, T., Esq.
Wolseley, Lady.
Wyatt, Sir M. Digby.

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Appendix D. Report on South Kensington Museum.

(3.) Donations and Bequests to the Art Museum during the year 1875.

Society of Antiquaries.
Reproductions in plaster of an ivory horn and of a bronze lamp found at Herculaneum. Nos. '75–11 and 12.

G. Assimon, Delavigne, et Cie.
A collection of modern French lace, manufactured by the donors. Nos. 178 to 255.–'75.

Miss Backhouse.
A terra-cotta cup or vase, and cover. English. Dated 1863. No. 467.–'75.

Bequeathed by the late Miss M. A. Bacon.
An ivory case. English. 18th century. A gilt metal watch-hook. French. Late 18th century. A carved ivory fan. Chinese. Late 18th century. Nos. 271 to 273.–'75.

Wm. Bird, Esq.
Paintings in tempera by Sir James Thornhill, from an old house in Leadenhall Street. English. 18th century.

Miss Mildred W. Black.
Illustrations of soul-worship in China, and a carved wood Chinese idol. Nos. 12 to 14.–'75.

Lady Burrard.
Two musical instruments. Indian. Nos. 282, 283.–'75.

The Rev. Greville J. Chester.
A glass flask or scent-bottle. French. 17th century. Three Arab coins. 11th to 13th century. Nos. 473 to 476.–'75.

Mrs. Blanche Lee Childe.
Baron de Triqueti's designs for the tarsia decoration of the Albert Memorial Chapel, Windsor. French. 1869. Nos. 976 to 984.–'75.

The Corporation of the City of London.
A bronze medal, struck to commemorate the visit of the Czar of Russia to the City in 1874. English. No. 1130.–'75.

Miss E. M. Dorrell.
An amber casket, and an amber cabinet or shrine. German. About 1700. Nos. 269, 270.–'75.

Miss Jane Dorrell.
Four water-colour paintings by Edmund Dorrell. English. First half of 19th century. Nos. 265 to 268.–'75.

Wynn Ellis, Esq.
A marble statue, on pedestal; "The original Eve, by E. H. Baily, R.A., sculptor, London, 1842." No. 468 468*a*.–'75.

R. Ford, Esq.
A piece of border-lace. French (Valenciennes). 19th century. No. 1198.–'75.

The late Commodore Goodenough.
Specimens of earthenware (domestic utensils). From Fiji. Nos. 726 to 743.–'75.

H. W. Henfrey, Esq.
A guitar-lyre. English. 1770–80. No. 891.–'75.

Messrs. Howell, James, & Co.
A piece of lace edging. Belgian. 1870–75. No. 256–'75.

Miss E. Johnson.
Seven hundred and seventy-eight plaster copies of medals, and of portions of the frieze by Thorwalsden, representing the entry of Alexander into Babylon. No. 469.–'75.

Baroness de Kaulla.
Three embroidered towels and a silver-gilt cup. Russian. 18th century. Nos. 259 to 262.–'75.

Mrs. Bellenden Ker.
A silver pickle fork and spoon, combined. English. 18th century. No. 985.–'75.

C. R. Fletcher Lutwidge, Esq.
A bronzed plaster group of Milo and the lion. French. No. 6.–'75.

M. le Ministre de l'Instruction Publique, Paris.
A porcelain wine cooler. French (Sèvres). 1874. No. 463.–'75.

Messrs. Mintons.
A ceramic-mosaic panel. English. 1871 No. 7.–'75

Mrs. Anne Nadporojsky.
A collection of lace. North Russian (Annual International Exhibition, 1874). Nos. 15 to 164.–'75.

Mrs. Bury Palliser.
Fifty-two specimens of English and foreign lace. Nos. 723 to 725.–'75.
Nos. 1131 to 1144.–'75.
„ 1155 to 1159.–'75.
„ 1162 to 1180.–'75.

Mons. V. Pellegrin.
A piece of unbleached border lace. French. Early 19th century. No. 673.–'75.

Mrs. Pickersgill.
An oil painting by H. H. Pickersgill. English. 1848. No. 930.–'75.

The Worshipful Company of Plasterers.
A plaster panel (first prize, Plasterers' Company competition, 1874). English. No. '75–9.

Col. E. H. Power.
Models and other objects from Burmah. Nos. 165 to 173.–75.

M. le Préfet de la Seine.
Eleven bronze medals commemorative of events which took place during the reign of Napoléon III. French, modern. Nos. 712 to 722.–'75.

Rev. W. H. Sewell.
Seventeen small specimens of bone pillow lace. English (Suffolk), 1875. Nos. 1250 (1 to 17).–'75.

Lady Wyatt.
Two engravings of costumes. French. Late 17th or early 18th century. Nos. 1196, 1197.–'75

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(4.) Abstract of Objects acquired by purchase or by gift, during the Year ending 31st December 1875.

Class I.—*Sculpture in Marble, Stone, &c.*

| | Given. | Bought. | Cost. |
|---|---|---|---|
| | | | £ s. d. |
| English - - - - | 3 | 1 | 5 0 0 |
| French | 1 | — | — |
| Italian - - - - | — | 1 | 100 0 0 |
| Spanish - - - - | — | 1 | 0 4 0 |
| Indian - - - - | — | 1 | 25 0 0 |
| Persian - - - - | — | 12 | 4 13 6 |
| Total - - - - | 4 | 16 | 134 17 6 |

CLASS II.—*Mosaics in Stone and Glass.*

| | Given. | Bought. | Cost. £ s. d. |
|---|---|---|---|
| English | 1 | — | — |
| Italian (Roman) | — | 1 | 20 0 0 |
| Total | 1 | 1 | 20 0 0 |

CLASS III.—*Carvings in Ivory, Bone, Tortoiseshell, &c.*

| | | | |
|---|---|---|---|
| English | 1 | — | — |
| Chinese | 1 | — | — |
| Japanese | — | 1 | 7 0 0 |
| Total | 2 | 1 | 7 0 0 |

CLASS IV.—*Woodwork, Furniture, &c.*

| | | | |
|---|---|---|---|
| Peruvian, ancient | — | 2 | 0 6 0 |
| English | 8 | 4 | 28 0 0 |
| Italian | — | 3 | 220 0 0 |
| Chinese | 3 | 11 | 125 0 0 |
| Indian | 1 | — | — |
| Japanese | — | 29 | 543 17 4 |
| Persian | — | 2 | 3 4 0 |
| Total | 12 | 51 | 920 7 4 |

CLASS V.—*Metal Work.*

| | | | |
|---|---|---|---|
| English | — | 2 | 14 0 0 |
| French | — | 1 | 3 0 0 |
| German | — | 2 | 92 3 5 |
| Italian | — | 18 | 360 0 0 |
| Chinese | — | 3 | 54 8 6 |
| Indian | — | 2 | 40 10 0 |
| Japanese | — | 18 | 1,265 9 6 |
| Persian | — | 1 | 8 0 0 |
| Total | — | 47 | 1,837 11 5 |

### CLASS VI.—*Coins and Medals.*

| | Given. | Bought. | Cost. £ s. d. |
|---|---|---|---|
| Belgian | 1 | — | — |
| French | 11 | — | — |
| Arab | 3 | — | — |
| Total | 15 | — | — |

### CLASS VII.—*Arms and Armour.*

| | | | |
|---|---|---|---|
| English | — | 1 | 1 0 0 |
| Chinese | — | 3 | 4 0 0 |
| Indian | — | 157 | 433 2 0 |
| Japanese | — | 2 | 3 0 0 |
| Malay | — | 3 | 0 15 0 |
| Turkish | — | 3 | 2 13 0 |
| Total | — | 169 | 444 10 0 |

### CLASS VIII.—*Silversmiths' Work.*

| | | | |
|---|---|---|---|
| Peruvian, ancient | — | 2 | 1 10 0 |
| English | 1 | 7 | 354 2 0 |
| Dutch | — | 1 | 5 0 0 |
| Flemish | — | 2 | 28 0 0 |
| German | — | 6 | 136 1 0 |
| Russian | 1 | — | — |
| Spanish | — | 1 | 60 0 0 |
| Total | 2 | 19 | 584 13 0 |

### CLASS IX.—*Jewellery and Goldsmiths' Work, including Personal Ornaments and small Objects in precious Minerals.*

| | | | |
|---|---|---|---|
| Babylonian, ancient | — | 4 | 0 8 0 |
| English | — | 4 | 42 2 0 |
| French | 1 | 2 | 45 0 0 |
| German | 2 | 2 | 195 0 0 |
| Spanish | — | 1 | 7 0 0 |
| Ashanti | — | 4 | 24 4 0 |
| Chinese | — | 3 | 101 10 0 |
| Indian | — | 7 | 304 0 0 |
| Japanese | — | 3 | 10 3 0 |
| Total | 3 | 30 | 729 7 0 |

## CLASS X.—*Enamels on Metal.*

| | Given. | Bought. | Cost. £ | s. | d. |
|---|---|---|---|---|---|
| Italian | — | 1 | 18 | 0 | 0 |
| Russian | — | 1 | 15 | 0 | 0 |
| Chinese | — | 8 | 108 | 10 | 0 |
| Indian | — | 1 | 55 | 0 | 0 |
| Japanese | — | 6 | 85 | 8 | 6 |
| Persian | — | 1 | 0 | 16 | 0 |
| Total | — | 18 | 282 | 14 | 6 |

## CLASS XI.—*Pottery.*

| | Given. | Bought. | Cost. £ | s. | d. |
|---|---|---|---|---|---|
| A. *Earthenware and Stoneware.* | | | | | |
| Peruvian, ancient | — | 62 | 28 | 0 | 0 |
| English | — | 7 | 3 | 13 | 0 |
| French | — | 1 | 9 | 12 | 0 |
| German | — | 39 | 35 | 19 | 0 |
| Sicilian | — | 12 | 70 | 0 | 0 |
| Anatolian | — | 1 | 1 | 10 | 0 |
| Burmese | 4 | — | — | | |
| Chinese | — | 4 | 40 | 8 | 0 |
| Fijian | 18 | — | — | | |
| Japanese | — | 15 | 125 | 14 | 6 |
| Oriental | — | 1 | 27 | 0 | 0 |
| Persian | — | 5 | 3 | 4 | 0 |
| Rhodian | — | 1 | 60 | 0 | 0 |
| Total | 22 | 148 | 405 | 0 | 6 |

## CLASS XI.—*Pottery—cont.*

| | Given. | Bought. | Cost. £ | s. | d. |
|---|---|---|---|---|---|
| B. *Porcelain.* | | | | | |
| English | — | 5 | 90 | 15 | 6 |
| Scotch | — | 2 | 2 | 0 | 0 |
| Austrian | — | 1 | 10 | 2 | 0 |
| Danish | — | 1 | 10 | 0 | 0 |
| French | 1 | 6 | 132 | 0 | 0 |
| German | — | 10 | 106 | 0 | 0 |
| Spanish | — | 3 | 65 | 0 | 0 |
| Chinese | — | 15 | 338 | 0 | 0 |
| Japanese | — | 8 | 49 | 4 | 10 |
| Total | 1 | 51 | 803 | 2 | 4 |

CLASS XII.—*Glass Vessels and other Objects.*

| | Given. | Bought. | Cost. £ s. d. |
|---|---|---|---|
| Greek, ancient | — | 1 | 3 0 0 |
| Roman, ancient | — | 1 | 20 0 0 |
| French | 1 | — | — |
| Arab | — | 2 | 173 6 6 |
| Rhodian | — | 3 | 3 13 6 |
| Total | 1 | 7 | 200 0 0 |

CLASS XIII.—*Painted and Stained Glass.*—Nil.

CLASS XIV.—*Leather Work, including Bookbinding.*

| | | | |
|---|---|---|---|
| English | — | 1 | 10 0 0 |
| Spanish | — | 1 | 50 0 0 |
| Total | — | 2 | 60 0 0 |

CLASS XV.—*Textile Fabrics, including Embroidery.*

| | | | |
|---|---|---|---|
| English | — | 1 | 5 5 0 |
| French | 4 | 3 | 6 0 0 |
| Italian | — | 19 | 10 7 0 |
| Sicilian | — | 25 | 21 7 0 |
| Spanish | — | 138 | 49 16 0 |
| Japanese | — | 2 | 2 8 0 |
| Persian | — | 6 | 27 4 0 |
| Total | 4 | 194 | 122 7 0 |

CLASS XVI.—*Lace.*

| | | | |
|---|---|---|---|
| English | 14 | 2 | 36 10 0 |
| Irish | 4 | — | — |
| Belgian and Flemish | 3 | 14 | 73 4 6 |
| French | 81 | 13 | 78 14 9 |
| German | 3 | 1 | 2 10 0 |
| Italian | 22 | 24 | 200 10 0 |
| Russian | 153 | — | — |
| Spanish | — | 5 | 46 0 0 |
| Philippine Islands | 1 | — | — |
| Total | 281 | 59 | 437 9 3 |

Appendix D.

REPORT ON SOUTH KENSINGTON MUSEUM.

## CLASS XVII.—*Musical Instruments.*

| | Given. | Bought. | Cost. £ s. d. |
|---|---|---|---|
| English | 1 | 1 | 0 10 0 |
| Dutch | — | 2 | 20 0 0 |
| Indian | 2 | — | — |
| Total | 3 | 3 | 20 10 0 |

## CLASS XVIII.—*Paintings in Oil and Water Colours, &c.*

| | | | |
|---|---|---|---|
| A. *Oil.* | | | |
| English | 3 | 6 | 96 10 0 |
| B. *Water Colours, &c.* | | | |
| English | 4 | 32 | 303 12 6 |
| Irish | — | 1 | 2 10 0 |
| Scotch | — | 1 | 0 12 0 |
| French | 9 | — | — |
| Japanese | — | 27 | 24 5 0 |
| Total | 16 | 67 | 427 9 6 |

## (5.) SUMMARY OF CLASSES—JANUARY TO DECEMBER, 1875.

| Class. | | Given. | Bought. | Cost. £ s. d. |
|---|---|---|---|---|
| I. | Sculpture in marble, stone, &c. | 4 | 16 | 134 17 6 |
| II. | Mosaics in stone and glass | 1 | 1 | 20 0 0 |
| III. | Carvings in ivory, bone, and tortoise-shell | 2 | 1 | 7 0 0 |
| IV. | Woodwork, furniture, &c. | 12 | 51 | 920 7 4 |
| V. | Metal work | — | 47 | 1,837 11 5 |
| VI. | Coins and medals | 15 | — | — |
| VII. | Arms and armour | — | 169 | 444 10 0 |
| VIII. | Silversmiths' work | 2 | 19 | 584 18 0 |
| IX. | Jewellery and goldsmiths' work, including personal ornaments and small objects in precious minerals. | 3 | 30 | 729 7 0 |
| X. | Enamels on metal | — | 18 | 282 14 6 |
| XI. | Pottery | 23 | 199 | 1,208 2 10 |
| XII. | Glass vessels and other objects | 1 | 7 | 200 0 0 |
| XIII. | Painted and stained glass | — | — | — |
| XIV. | Leatherwork, including bookbinding | — | 2 | 60 0 0 |
| XV. | Textile fabrics, including embroidery | 4 | 194 | 122 7 0 |
| XVI. | Lace | 281 | 59 | 437 9 3 |
| XVII. | Musical instruments | 3 | 3 | 20 10 0 |
| XVIII. | Paintings in oil and water-colours, &c. | 16 | 67 | 427 9 6 |
| | Total | 367 | 883 | 7,436 19 4 |

OBJECTS - 1,250 - COST - 7,436*l.* 19*s.* 4*d.*

N.B.—The foregoing Abstract and Summary refer to the *Calendar* year ending 31st December 1875, and not to the *Financial* year, which extends from 1st April to 31st March in succeeding year.

| Country. | Class I. Sculpture in Marble, Stone, &c. | Class II. Mosaics, Stone, Glass, &c. | Class III. Carvings in Ivory, Bone, &c. | Class IV. Wood-work, Furniture, &c. | Class V. Metal Work. | Class VI. Coins and Medals. | Class VII. Arms and Armour. | Class VIII. Silver-smiths' Work. | Class IX. Jewellery and Goldsmiths' Work. | Class X. Enamels on Metal. | Class XI. Pottery. | Class XII. Glass Vessels. | Class XIII. Painted and Stained Glass. | Class XIV. Leather Work. | Class XV. Textiles. | Class XVI. Lace. | Class XVII. Musical Instruments. | Total Number of Objects. | Cost. £ s. d. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ANTIQUE:— | | | | | | | | | | | | | | | | | | | |
| Babylonian | : | : | : | : | : | : | : | : | 4 | : | : | : | : | : | : | : | : | 4 | 0 8 0 |
| Greek | : | : | : | : | : | : | : | : | : | : | : | 1 | : | : | : | : | : | 1 | 3 0 0 |
| Peruvian | : | : | : | 2 | : | : | : | 2 | : | : | 62 | : | : | : | : | : | : | 66 | 29 16 0 |
| Roman | : | : | : | : | : | : | : | : | : | : | : | 1 | : | : | : | : | : | 1 | 20 0 0 |
| BRITISH:— | | | | | | | | | | | | | | | | | | | |
| English | 4 | 1 | 1 | 12 | 2 | : | 1 | 8 | 4 | : | 12 | : | : | 1 | 1 | 16 | 2 | 110 | 991 0 0 |
| Irish | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | 4 | : | 5 | 2 10 0 |
| Scotch | : | : | : | : | : | : | : | : | : | : | 2 | : | : | : | : | : | : | 3 | 2 12 0 |
| EUROPEAN:— | | | | | | | | | | | | | | | | | | | |
| Austrian | : | : | : | : | : | 1 | : | : | : | : | 1 | : | : | : | : | 17 | : | 1 | 10 2 0 |
| Belgian | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | : | 18 | 73 4 6 |
| Danish | : | : | : | : | : | : | : | : | : | : | 1 | : | : | : | : | : | : | 1 | 10 0 0 |
| Dutch | : | : | : | : | : | : | : | 1 | : | : | : | : | : | : | : | : | 2 | 3 | 25 0 0 |
| Flemish | : | : | : | : | : | : | : | 2 | : | : | : | : | : | : | : | : | : | 2 | 28 0 0 |
| French | 1 | : | : | : | 1 | 11 | : | : | 3 | : | 8 | 1 | : | : | 7 | 94 | : | 9 | 274 6 9 |
| German | : | : | : | : | 2 | : | : | 6 | 4 | : | 49 | : | : | : | 19 | 4 | : | 135 | 567 13 5 |
| Italian | 1 | : | : | 3 | 18 | : | : | : | : | 1 | : | : | : | : | : | 46 | : | 65 | 908 17 0 |
| " (Roman) | : | 1 | : | : | : | : | : | 1 | : | : | : | : | : | : | : | : | : | 88 | 20 0 0 |
| Russian | : | : | : | : | : | : | : | : | 1 | 1 | : | : | : | : | : | 153 | : | 1 | 15 0 0 |
| Sicilian | : | : | : | : | : | : | : | : | : | : | 12 | : | : | : | 25 | : | : | 155 | 91 7 0 |
| Spanish | 1 | : | : | : | : | : | : | 1 | 1 | : | 3 | : | : | 1 | 138 | 5 | : | 37 | 278 0 0 |
| ORIENTAL, AFRICAN, AMERICAN, &c.:— | | | | | | | | | | | | | | | | | | 150 | |
| Anatolian | : | : | : | : | : | : | : | : | : | : | 1 | : | : | : | : | : | : | 1 | 1 10 0 |
| Arab | : | : | : | : | : | 3 | : | : | : | : | : | 2 | : | : | : | : | : | 5 | 173 6 6 |
| Ashanti | : | : | : | : | : | : | : | : | 4 | : | : | : | : | : | : | : | : | 4 | 24 4 0 |
| Burmese | : | : | : | : | : | : | 3 | : | : | : | 4 | : | : | : | : | : | : | 4 | — |
| Chinese | : | : | 1 | 14 | : | 3 | : | : | 3 | 8 | 19 | : | : | : | : | : | : | 51 | 771 16 6 |
| Fijian | : | : | : | : | : | : | : | : | : | : | 18 | : | : | : | : | : | : | 18 | — |
| Indian | 1 | : | : | 1 | 2 | : | 157 | : | 7 | 1 | 23 | : | : | : | 2 | : | 2 | 171 | 857 12 0 |
| Japanese | : | : | 1 | 29 | 18 | : | 2 | : | 3 | 6 | : | : | : | : | 2 | : | : | 111 | 2,116 10 8 |
| Malay | : | : | : | : | : | : | 3 | : | : | : | : | : | : | : | : | : | : | 27 | — |
| Persian | 12 | : | : | 2 | 1 | : | : | : | : | 1 | 5 | : | : | : | 6 | : | : | 3 | 0 15 0 |
| Philippine Islands | : | : | : | : | : | : | : | : | : | 1 | : | : | : | : | : | 1 | : | 27 | 47 1 6 |
| Rhodian | : | : | : | : | : | : | : | : | : | : | 1 | 3 | : | : | : | : | : | 1 | — |
| Turkish | : | : | : | : | : | : | 3 | : | : | : | 1 | : | : | : | : | : | : | 4 | 63 13 6 |
| Oriental (unassigned) | : | : | : | : | : | : | : | : | : | : | 1 | : | : | : | : | : | : | 3 | 2 13 0 |
| Total | 20 | 2 | 3 | 63 | 47 | 15 | 169 | 21 | 33 | 18 | 222 | 8 | .. | 2 | 198 | 340 | 6 | 83 | 1,250 7,436 19 4 |

Appendix D. REPORT ON SOUTH KENSINGTON MUSEUM.

(7.) ABSTRACT of the COST of OBJECTS purchased for the ART COLLECTIONS (excluding Casts and Electrotypes), showing the amount expended to 31st December 1874, and the further sum expended from 31st December 1874 to 31st December 1875.

| Class. | Description. | Cost to 31 Dec. 1874. | Purchases from 31 Dec. 1874 to 31 Dec. 1875. | Total amount of purchases from the beginning of the Collections, to 31 Dec. 1875. |
|---|---|---|---|---|
| | | £ s. d. | £ s. d. | £ s. d. |
| I. | Sculpture in marble, stone, &c. - | 19,916 5 11 | 134 17 6 | 20,051 3 5 |
| II. | Mosaics in stone and glass - - | 2,302 14 5 | 20 0 0 | 2,322 14 5 |
| III. | Carvings in ivory, bone and tortoise-shell. | 18,831 17 6 | 7 0 0 | 18,838 17 6 |
| IV. | Woodwork, furniture, &c. - - | 25,640 4 4 | 920 7 4 | 26,560 11 8 |
| V. | Metal work - - - - | 18,516 12 11 | 1,837 11 5 | 20,354 4 4 |
| VI. | Coins and medals - - - | 1,909 7 11 | — | 1,909 7 11 |
| VII. | Arms and armour - - - | 3,203 10 4 | 444 10 0 | 3,648 0 4 |
| VIII. | Silversmiths' work - - - | 15,735 17 3 | 584 13 0 | 16,320 10 3 |
| IX. | Jewellery and goldsmiths' work, including personal ornaments and small objects in precious minerals, &c. | 17,210 9 6 | 729 7 0 | 17,939 16 6 |
| X. | Enamels on metal - - - | 18,087 1 2 | 282 14 6 | 18,369 15 8 |
| XI. | Earthenware and stoneware - | 22,869 1 11 | 405 0 6 | 23,274 2 5 |
| XIB. | Porcelain - - - | 7,582 8 11 | 803 2 4 | 8,385 11 3 |
| XII. | Glass vessels, &c. - - - | 5,193 2 8 | 200 0 0 | 5,393 2 8 |
| XIII. | Painted and stained glass - - | 2,015 14 11 | — | 2,015 14 11 |
| XIV. | Leather work, including bookbinding. | 1,039 12 8 | 60 0 0 | 1,099 12 |
| XV. | Textile fabrics including embroidery. | 6,791 10 8 | 122 7 0 | 6,913 17 8 |
| XVI. | Lace - - - - - - | 757 9 9 | 437 9 3 | 1,194 19 0 |
| XVII. | Musical instruments - - | 3,864 15 0 | 20 10 0 | 3,885 5 0 |
| XVIIIA. | Paintings in oil, copies of ornament in tempera, &c. | 4,733 5 7 | 96 10 0 | 4,829 15 7 |
| XVIIIB. | Water-colour and other drawings, miniatures, illuminations, &c. | 5,024 8 9 | 330 19 6 | 5,355 8 3 |
| | Meymar collection of Arabian Art, &c. | 2,261 0 0 | — | 2,261 0 0 |
| | Total - - - - | 203,486 12 1 | 7,436 19 4 | 210,923 11 5 |

(8.) Return of Objects, Visitors, Receipts, &c. at various Public Exhibitions to which Objects of Art were contributed from the Art Museum, in 1875; showing also the total number of Objects, (and when rendered) Visitors, Receipts, &c., from 1855 to 1875, in each department.

| Towns. | Date. | No. of Objects. | No. of Paintings, Drawings, &c. | No. of Days open. | Visitors. | Receipts. |
|---|---|---|---|---|---|---|
| | | | | | | £ s. d. |
| Burslem, P.M. | January to December | 199 | 113 | 310 | 23,000 | Free. |
| Nottingham, P.M. | January to December | 159 | 46 | 306 | 155,549 | 668 7 6 |
| Stirling, P.M. | January to December | 619 | 307 | 196 | 12,867 | 35 9 6 |
| Boston | January to May | 348 | 47 | 128 | 37,600 | 449 15 0 |
| Edinburgh Museum | February to December | 350 | 2 | — | See E. M. returns. | |
| York | March | — | 37 | — | No returns. | |
| Spitalfields | March | 187 | 45 | 18 | 6,274 | Free. |
| Birmingham, P.M. | April to December | 196 | 150 | — | No returns. | |
| Sheffield School of Art. | April to June | — | 287 | — | No returns. | |
| Leek | April | — | 202 | — | No returns. | |
| Southampton | April to October | — | 140 | — | No returns. | |
| Spitalfields | May | 149 | — | — | No returns. | |
| Bethnal Green Branch Museum. | May to December | 1,403 | 22 | — | See B. G. M. returns. | |
| Leighton Buzzard | May to June | 35 | 37 | 8 | 6,500 | 1,401 11 5 |
| Winchester | May to July | 190 | 167 | 30 | 11,603 | 908 5 4 |
| Croydon | May to June | 178 | — | 5 | 43,064 | 3,155 2 0 |
| Leeds | May to October | 523 | 193 | 147 | 646,842 | 31,000 0 0 |
| Chelmsford | June | — | 153 | — | No returns. | |
| Hanley, P.M. | June to December | 55 | 146 | 115 | 15,466 | Free. |
| Taunton | July and August | 184 | 264 | 44 | 6,954 | 250 14 |
| Preston | July to December | 198 | 148 | 102 | 211,820 | 6,992 7 |
| Sheffield, P.M. | July to December | 242 | 597 | 84 | 127,206 | Free. |
| Hastings and St. Leonards. | September | — | 155 | — | No returns. | |
| Battersea | September | — | 142 | — | No returns. | |
| Penzance | October | 204 | 85 | 8 | 2,871 | 98 11 6 |
| Welshpool | October | 114 | 219 | 8 | 1,178 | 42 5 0 |
| Northampton | October to December | 35 | 143 | — | 3,237 | No returns. |
| Watford | October | — | 186 | 4 | No returns. | |
| King's Lynn | October | — | 33 | — | No returns. | |
| St. Alban's | October | — | 98 | — | No returns. | |
| Darlington | October and November | — | 135 | — | No returns. | |
| Rotherham | November | — | 268 | — | No returns. | |
| Ryde | December and January 1876. | — | 51 | — | No returns. | |
| Birmingham (Smethwick). | December and January 1876. | — | 71 | — | No returns. | |
| Spitalfields | December | 32 | 70 | — | No returns. | |
| | Total 1875 | 5,600 | 4,759 | 1,827 | 1,312,031 | 45,031 3 4 |
| | Total since 1855 * | 26,907 | 23,911 | 8,528 | 6,585,748 | 166,182 2 1 |

* For detailed return of each year from 1855 to 1873, see Report for 1873 (21st Report), Appendix, pp. 420–423.

(9.) In addition to these Public Exhibitions, the following were lent for Annual Meetings, Conversazione, &c., during 1875.

| —— | No. of Objects. | No. of Paintings, Drawings, &c. |
|---|---|---|
| Sheffield School of Art | — | 72 |
| Westminster School of Art | — | 5 |
| London Institution | 201 | 12 |
| Total from 1864 to 1874 | 1,708 | 13,767 |
| Total | 1,909 | 13,856 |

Appendix D. REPORT ON SOUTH KENSINGTON MUSEUM.

(10.) RETURN of CIRCULATION of PAINTINGS and DRAWINGS to SCHOOLS of ART for PURPOSE of STUDY, 1875.

| Names of Schools of Art. | Paintings, &c. | Names of Schools of Art. | Paintings, &c. |
|---|---|---|---|
| Andover | 3 | Lewes | 6 |
| Barnsley | 9 | Limerick | 2 |
| Bath | 8 | Liverpool (South District) | 7 |
| Belfast | 8 | Londonderry | 3 |
| Berwick | 3 | Manchester (Gram. Sch.) | 11 |
| Birmingham | 13 | Monmouth | 3 |
| Bloomsbury | 8 | Northampton | 5 |
| Boston | 9 | Norwich | 3 |
| Bradford (Church Institute) | 8 | Nottingham | 16 |
| Bradford (Mech. Institute) | 6 | Penzance | 8 |
| Bridport | 9 | Portsmouth | 7 |
| Brighton | 6 | Rotherham | 3 |
| Burslem | 2 | Ryde | 6 |
| Cambridge | 7 | Salisbury | 1 |
| Carnarvon | 3 | Saltaire | 4 |
| Charterhouse | 3 | Selby | 6 |
| Cheltenham | 1 | Sheffield | 5 |
| Chester | 9 | Southampton (Hartley Institute). | 3 |
| Cirencester | 3 | Southampton (Philharmonic Hall). | 3 |
| Coleford | 3 | South Kensington | 67 |
| Cork | 9 | St. Alban's | 3 |
| Darlington | 6 | St. Martin's | 9 |
| Derby | 4 | Stourbridge | 6 |
| Devizes | 3 | Stratford | 3 |
| Dorchester | 9 | Stroud | 2 |
| Dover | 9 | Sunderland | 1 |
| Dublin (Queen's Institute) | 3 | Swansea | 3 |
| Dublin (Royal Society) | 8 | Taunton | 7 |
| Dudley | 8 | Tavistock | 6 |
| Durham | 3 | Trowbridge | 3 |
| Edinburgh | 4 | Truro | 3 |
| Frome | 10 | Walsall | 3 |
| Gloucester | 11 | Warrington | 5 |
| Great Yarmouth | 6 | Watford | 8 |
| Halifax | 6 | Westminster | 5 |
| Hanley | 10 | Winchester | 6 |
| Huddersfield | 6 | Worcester | 5 |
| Ipswich | 6 | York | 1 |
| Kidderminster | 11 | | |
| Kilmarnock | 3 | | |
| Lambeth | 1 | | |
| Leicester | 9 | Total | 514 |

DEPOSIT LOANS.

(11.) RETURN of OBJECTS, PAINTINGS, &c. LENT to SCHOOLS of ART for PURPOSE of STUDY, 1875.

| School of Art. | Objects. | Paintings, &c. | School of Art. | Objects. | Paintings, &c. |
|---|---|---|---|---|---|
| Bath | 23 | — | Ipswich | 24 | — |
| Birmingham | 27 | — | Lancaster | 24 | — |
| Cambridge | 26 | — | Leicester | 27 | — |
| Carlisle | 27 | — | Lewes | 24 | — |
| Cork | 31 | — | Liverpool (South District). | 30 | — |
| Cirencester | 28 | — | Macclesfield | — | 35 |
| Derby | 25 | — | Norwich | 23 | — |
| Dublin (Royal Society). | 29 | — | Nottingham | 25 | — |
| Gloucester | 30 | — | Preston | 27 | — |
| Great Yarmouth | 28 | — | Sheffield | — | 9 |
| Hastings and St. Leonards. | 30 | 81 | South Kensington | 311 | 114 |
| Hull | 23 | — | Total | 842 | 239 |

N.B.—Each collection of objects forming these Deposit Loans is packed in a glass case, and the outer case in which the glass case with its contents is packed for travelling, forms a base when in use in the schools. The objects are not intended as representative of the artistic and industrial contents of the Museum or for exhibition, but are selected simply as subjects suitable for grouping for the purposes of painting still life, &c. (Stage 15), or single examples (Stage 14).

## (*b.*) NATIONAL ART LIBRARY RETURNS.

(1.) Statistics for the years 1871 to 1875 inclusive.

| 1871. | 1872. | 1873. | 1874. | 1875. | |
|---|---|---|---|---|---|
| 16,742 | 19,755 | 20,456 | 21,359 | 21,922 | Readers. |
| | | | | | *Acquisition of Books, &c.* |
| 1,907 | 1,735 | 1,656 | 2,305 | 1,968 | Volumes purchased. |
| 106 | 147 | 279 | 199 | 110 | „ presented. |
| 1,230 | 945 | 210 | 173 | 162 | Parts, Pamphlets, &c. purchased. |
| 146 | 282 | 144 | 120 | 69 | „ „ presented. |
| 225 | 1,074 | 953 | 948 | 71 | Drawings purchased. |
| 14 | 258 | 62 | 42 | 2,442 | „ presented. |
| 4,133 | 3,158 | 2,417 | 2,972 | 1,527 | Prints purchased. |
| 47 | 201 | 207 | 72 | 60 | „ presented. |
| 368 | 181 | 2,456 | 148 | 398 | Photographs purchased. |
| 352 | 380 | 487 | 274 | 1,020 | „ presented. |

| 1871. | 1872. | 1873. | 1874. | 1875. | |
|---|---|---|---|---|---|
| 1 | 3 | 4 | — | — | Drawings and Prints received for circulation. |
| 16 | 34 | 60 | 17 | 99 | Photographs received for circulation. |
| | | | | | *Circulation, &c.* |
| 870 | 734 | 679 | 490 | 601 | Books borrowed. |
| 842 | 780 | 684 | 454 | 575 | „ returned. |
| 1,230 | 898 | 1,086 | 998 | 1,106 | Drawings, Prints, &c. borrowed. |
| 799 | 793 | 794 | 787 | 864 | „ „ returned. |
| 837 | 544 | 691 | 725 | 477 | Photographs borrowed. |
| 616 | 519 | 601 | 637 | 431 | „ returned. |
| | | | | | *Cataloguing, Registration, &c.* |
| — | — | — | — | 256 | Volumes classed, placed, and press-marked. |
| 2,228 | 2,613 | 1,791 | 2,115 | 2,319 | Catalogue titles written and revised. |
| — | — | — | — | 144 | Catalogue titles copied. |
| — | — | — | — | 100 | „ slips inserted. |
| 3,643 | 3,337 | 3,555 | 2,989 | 2,192 | Index references marked and slips written. |
| — | — | — | — | 500 | Index slips inserted. |
| — | — | — | — | 8 | Copies of Art Catalogue checked and marked. |
| 3,228 | 6,342 | 4,584 | 3,045 | 4,396 | Drawings and Prints registered. |
| 558 | 913 | 1,871 | — | — | Drawings, &c., Catalogue titles written. |
| 708 | 2,975 | 1,245 | 970 | 1,255 | Drawings, &c., Index slips written. |
| 1,662 | 1,865 | 2,336 | 889 | 885 | Photographs registered. |
| 751 | 694 | 511 | 204 | 776 | „ Catalogue slips written. |
| 1,021 | 1,077 | 1,001 | 273 | 404 | „ Index slips written. |
| 96,956 | 112,029 | 111,291 | 90,098 | 115,455 | Stamps impressed. |
| 467 | 491 | 543 | 608 | 346 | Sale Catalogues examined. |
| 1,035 | 889 | 1,012 | 1,202 | 969 | Books on approval examined and returned. |
| 2,910 | 3,986 | 9,117 | 1,983 | 835 | Drawings, Prints, &c. examined and returned. |
| 375 | 21 | 350 | 103 | 293 | Photographs examined and returned. |
| 474 | 865 | 549 | 410 | 675 | Volumes collated and prepared for binding. |
| — | — | — | — | 265 | Slips for binding, lettering and repairing, written. |
| 611 | 550 | 696 | 385 | 364 | Volumes bound and collated. |
| — | — | — | — | 135 | „ repaired. |

(2.) NUMBER of READERS in ART LIBRARY in 1874 and 1875.

| | 1874. | 1875. |
|---|---|---|
| January | 2,043 | 1,932 |
| February | 2,240 | 2,092 |
| March | 2,186 | 2,041 |
| April | 1,747 | 2,013 |
| May | 1,849 | 1,708 |
| June | 2,046 | 1,783 |
| July | 1,845 | 1,889 |
| August | 904 | 1,012 |
| September | 1,042 | 1,064 |
| October | 1,696 | 1,979 |
| November | 1,989 | 2,501 |
| December | 1,778 | 1,908 |
| Total number of readers | 21,365 | 21,922 |
| Number of days open | 311 | 311 |
| Average number of daily readers | 68 | 70 |

N.B.—For corresponding numbers for the years 1852 to 1873, see page 426 of the 21st Report of the Department.

(3.) NUMBER of VOLUMES, DIAGRAMS, &c., borrowed by SCHOOLS of ART in 1875.

Marked * are photographs, prints or drawings.

| | 1875. |
|---|---|
| Barnsley | 10 |
| Barrow-in-Furness | 4 |
| Birmingham | 3 |
| Boston | 5 |
| Bridport | 3 |
| Brighton | 11 |
| Cardiff | |
| Darlington | 15 |
| Edinburgh | 29 |
| Frome | 5 |
| Gloucester | 8 |
| Hanley | 5 |
| Kendal | 4 |
| Kidderminster | 2<br>32* |
| Kilmarnock | 3 |
| Lancaster | 2 |
| Leamington | 5 |
| Lewes | 8<br>18* |
| Liverpool | 7 |
| London :— | |
| Charterhouse | 1 |
| Kensington | 11 |
| West London | 13 |
| Macclesfield | 1 |
| Manchester Grammar School | 1<br>26* |
| Newcastle-on-Tyne | 2 |

| | 1875. |
|---|---|
| Nottingham | 13 |
| Penzance | 4 |
| Perth | 3 |
| Portsmouth | 5 |
| Salisbury | 5 |
| Southampton Philharmonic Hall | 2 |
| West Hartlepool | 8 |
| Worcester | 2 |

## (4.) Donations.

Antiquaries, Society of :—
Proceedings of the Society of Antiquaries of London. Second Series. Vol. VI. No. 4. 8vo.

Appell, Dr. :—
Catalogo dei Getti in Gesso di diversi Oggetti di Scultura Greca Antica vendibili presso Napoleone F. Martinelli in Atene. 1875. 8vo.

Architects, Royal Institute of British :—
Sessional Papers of the Royal Institute of British Architects. 1874–5. 4to.

Architectural Association, The :—
The Architectural Association Sketch-Book. 1875. Fol.

Art Union of London, The :—
An Engraving. "Wellington and Blucher meeting after the Battle of "Waterloo," by Stocks, after Maclise.
Art Union of London Almanack. 1875. 48mo. Three copies.
Thirty-eighth Annual Report of the Council of the Art Union of London. 1874. 8vo.

Audsley, G. A., Esq. :—
Liverpool Art Club, Summer Exhibition, 1875. Catalogue of Art Works in Japanese Lacquer . . . . in the possession of J. L. Bowes, Esq., and G. A. Audsley, Esq. 1875. Roy. 8vo.

Behrens, F., Esq. :—
Verzeichniss der Alterthümersammlung des Oberförsters C. H. Haug. Lübeck. 1871. 8vo. ph.

Bergau, R., Esq. :—
An Engraving: Goldsmith's Work by Wenzel Jamitzer, of Nuremberg.

Birch, George H., Esq. :—
Old House, Lime Street, City. Drawn and measured by G. H. Birch and R. P. Spiers. 1875. Fol.

Black, Francis M., Esq. :—
The National First Grade Elementary Drawing Book. By F. M. Black. 12mo. Two Copies.

Blades, East and Blades, Messrs. :—
Two Ornamental Cards of Invitation to the Guildhall Banquets on November 10, 1873, and November 9, 1874. Designed by Blades, East and Blades.

Board of Manufactures, Royal Institution, Edinburgh :—
Catalogue of the National Gallery of Scotland. 28th edition. 1875. 8vo.
Catalogue of the National Gallery of Scotland. 29th edition. 1875. 8vo.

Bonnaffé, Mons. Edmond :—
Inventaire des Meubles de Catherine de Médicis en 1589. Par Edmond Bonnaffé. 1874. 8vo. Two copies.

Bonomi, Joseph, Esq. :—
Project of an Instrument for the Identification of Persons, by J. Bonomi. 1872. 8vo. ph.

Boyer de Sainte-Suzanne, Mons. Baron de :—
Lettre à un Curieux de Curiosités. 1875. 8vo. Two copies.

Bradbury, A. A., Esq. :
A Proof Etching of Croxden Abbey.

British Museum, Trustees of the :—
The Collection of Ancient Greek Inscriptions in the British Museum. Edited by C. T. Newton. Part 1. Attika. 1874. Fol.
Catalogue of Oriental Coins in the British Museum. Vol. 1. 1875. 8vo.
The Cuneiform Inscriptions of Western Asia. 1875. Vol. 4. Fol.

Burlington Fine Arts Club, Secretary of the :—
Burlington Fine Arts Club, 1875. Exhibition of a Selection from the Works of Wenceslaus Hollar. 1875. 4to. Fol.

Cassel, Petter, and Galpin, Messrs. :—
Cassell's Illustrated Almanac for 1876. Imp. 8vo.

Castellani, Signor :—
Ten Photographs on one mount of the Marlborough Gems; sold at Christie's, June 28, 1875, and purchased by Mr. Bromilow.

Charles, R., Esq. :—
Three hundred Designs for Window Draperies. By R. Charles. 1874. Fol.
Twenty-three Mounted Photographs of Furniture, designed by R. Charles.

Clockmakers, The Worshipful Company of :—
Catalogue of the Library and Museum of the Worshipful Company of Clockmakers of London. 1875. 8vo.

Codrington, Gen. Sir Wm., G.C.B. :—
Three Pen and Ink Sketches of the Human Figure, by Mulready.

Cole, Sir Henry, K.C.B. :—
An Illuminated Bill of Fare of the Banquet (October 26, 1867) in connexion with the Paris Exhibition, 1867. Designed by Owen Jones.
An Etching "Evershed Roughs" by Sir Henry Cole, K.C.B.
The Duty of Governments towards Education, Science, and Art, by Sir Henry Cole, K.C.B. 1875. 12mo. ph.

Cordeiro, Señor L. :—
L. Cordeiro. Thesouros d'Arte. Relances d'um Viajante. 1875. 8vo.

Cundall, J., Esq. :—
Fifty-four Mounted Photographs of selected Engravings of the Little German Masters in the British Museum Collection.

Derby, The Right Hon. the Earl of :—
A Descriptive and Historical Catalogue of the Collection of Pictures at Knowsley Hall. By G. Scharf, F.S.A. 1875. 4to.

Etching Class, The (National Art Training School) :—
Two copies of an Etching, "Chimney Breast, Aston Hall, Birmingham," by J. Watkins.
Two copies of two Etchings, by J. Watkins, viz. :—
1. Part of the Great Staircase, Aston Hall.
2. Design for a Claret Jug.

Fabretti, Signor A. :—
Appunti Epigrafici (2nd Supplement) pp. 1–64, in sheets.

Fortnum, C. D. E., Esq., F.S.A. :—
On the original Portrait of Michel Angelo by Leo Leone "Il Cavalière Aretino." By C. D. E. Fortnum, F.S.A. 8vo. ph.
Two unmounted Photographs of Bronze Inkstands, by P. Vischer.

Fowke, F. B., Esq. :—
Art Nakedness. Article from "New and Old." Vol. III. No. 30, June 1875. 8vo. ph.

Frankfort-on-the-Mayn (per Herr Otto Held, Secretary) :—
Historische Ausstellung kunstgewerblicher Erzeugnisse zu Frankfurt am Main. 1875. 8vo.

Franks, A. W., Esq., F.S.A. :—
A Lithograph showing Restoration of Pavement of the Church of Revesby Abbey.

Hubert, Samuel M., Esq. :—
A Photograph. 1st Prize. Design by R. P. Lane (Glasgow) for a Panel for a prize offered by the Worshipful Company of Plasterers of London.
A Photograph. 1st Prize. Design by Geo. Bedford (Torquay). Modelled Design for a Group of Foliage, for a prize offered by the Worshipful Company of Plasterers of London.

Appendix D. REPORT ON SOUTH KENSINGTON MUSEUM.

Hulme, F. E., Esq., F.L.S., F.S.A. :—
Principles of ornamental Art. By F. E. Hulme, F.L.S., F.S.A. 4to.

Küsthardt, Herr F. :—
Three Unmounted Photographs, 1 Mounted Photograph, and 1 Print, of Bishop Bernward's Column at Hildesheim.
Eleven Unmounted Photographs. Corona at Hildesheim.

Le Breton, Mons. Gaston :—
Two Drawings of Rouen Faïence.

Lewis, C. G., Esq. :—
A Portrait Sketch in pencil of F. C. Lewis, Engraver, by his son J. F. Lewis, R.A.

Loones, Mons. H. :—
Histoire des Eventails. Par S. Blondel. 1875. 8vo.

Madrid, Academy of San Fernando :—
Cuadros selectos de la Real Academia de las Tres Nobles Artes de San Fernando. Cuaderno 5. 1872.

Middleton, John, Esq. :—
Seven mounted and two unmounted Photographs of Carvings in Stone at Westholme, done by late Students of Schools of Art, under the direction of Mr. R. Bolton.

New York, Metropolitan Museum of Art, Trustees of :—
Twenty-three Mounted Photographs of Art Objects in the Metropolitan Museum of Art, New York.

Nightingale, J. E., Esq. :—
Two pencil rubbings of Book Covers, inscribed :—
1. "Nomenclator." (Antwerp, C. Plantin, 1577.)
1. "Sacri + Romani + Imperii + Insig + ."

Palestine Exploration Fund :—
Quarterly Statements of the Palestine Exploration Fund. 1875. 8vo.

Paris, La Commission des Monuments historiques :—
Archives de la Commission des Monuments historiques. 1855–72. 4 vols. folio.

Parker, J. H., Esq., C.B. :—
A Catalogue of Photographs of Antiquities in Rome and Italy, prepared under the direction of John Henry Parker, C.B. Part 4. 1875. 8vo. ph. 2 copies.

Pegler, A., Esq. :—
Notices of the late Mr. A. G. Stevens, the Artist of the Wellington Monument. Collated by Mr. Pegler. 12mo. ph. 3 copies.

Permanent Printing Company, The :—
The Bayeux Tapestry, reproduced in Autotype Plates. With historic Notes by F. R. Fowke. 1875. 4to. (1 large, and 1 small paper copy.)

Powell, J., Esq. :—
Handbook to Fairford Church and its Stained Windows. By J. P. 1875. 12mo. 2 copies.

Powys Land Club, The Trustees of :—
Collections Historical and Archæological relating to Montgomeryshire and its Borders. December 1875. Vol. 8. Part 3. 8vo.

Redgrave, R., Esq., R.A. :—
A Drawing. Design for Decorating the Competition Gallery, South Kensington Museum.

Rothschild, The Baroness Mayer de :—
135 Mounted Photographs.—Fac-simile dei Disegni originali dei Maestri classici esistenti nella R. Academia di Belle Arti in Venezia.

Russell, W., Esq. :—
An unmounted Photograph of a Male Figure, by Michael Angelo.

Schefer, Herr C. :—
Corrozet. Les Blasons Domestiques. 1865. 18mo.

Schwerdtner, Herr Johann :—
Jahres-Bericht der Freien Genossenschaft der Graveure Wiens. 1875. Small fol.

Scott, Major-General, C.B. :—
Over de Kuustnijverheids-Museën op de Weener-Tentoonstelling van 1873. Door E. H. von Baumhauer. 1873. 8vo. ph.
Smith, G., Esq., F.S.A. :—
Engraved Portrait of Oliver Goldsmith, by Marchi, after Sir J. Reynolds.
Smith, R. H. Soden, Esq., M.A., F.S.A. :—
Catalogue of the Sudbury Industrial and Fine Arts Exhibition. 1875. 12mo. ph.
An Engraved Portrait of Rembrandt.
Notes on Pomanders. By R. H. S. Smith. 7 pp. 8vo.
The Official Guide to the Alexandra Palace and Park. 4to. ph.
An Unmounted Photograph. Marble Statuette, in possession of Capt. Spratt, found at Gnossus.
Guide of Rotterdam. 18mo. ph.
Nouveau Guide pour voir les Curiosités de Cologne. 24mo. ph.
Führer durch Frankfurt a. M. und seine Umgebungen von C. Heyner. 32mo.
Official Catalogue, Loan Museum, Dublin. 2nd edition. 8vo.
Three Mounted Photographs of objects in the Museum of the Royal Irish Academy, Dublin, viz. :—
1. Ancient Casket, known as the "Soiscel Molaise."
1. „ „ "Domnach Airgid."
1. The "Tara Brooch."
Notices sur les Riches Tapisseries Flamandes provenant de l'Hotel van Susteren du Bois d'Anvers. 8vo.
Smith, W., Esq., F.S.A. :—
Memoir of J. F. Herring, Esq. 1848. 8vo. ph. With Engraved Portrait.
An Unmounted Photograph. Portrait of W. Mulready, R.A.
An Engraved Portrait of Luke Hansard, by Lewis, after Lane.
Allgemeines Kunstler, Lexicon. 1763. 4to.
Orlandi. L'Abecedario Pittorico. 1733. 4to.
Stationery Office, H. M. :—
Facsimiles of National Manuscripts of Ireland. Photozincographed by Major-General Sir H. James, R.E., F.R.S. Part I. 1874. Fol.
Tiffin, W. F., Esq. :—
A Chronograph of the Bow, Chelsea, and Derby Porcelain Manufactories, compiled by W. F. Tiffin. 8vo. ph.
Vienna Exhibition, 1873, Royal Commissioners for :—
Diploma.—Vienna Exhibition, 1873, for the South Kensington Museum. An Etching entitled :—"Weltausstellung 1873 in Wien. Die Internationale Jury hat dem South Kensington Museum in London (Grossbritannien) die Höchste Auszeichnung das Ehren-Diplom Zuerkannt."
Waring, J. B., Esq., bequeathed by :—
A Collection of 2,396 Original Drawings on 1,452 mounts, in 17 Portfolios; consisting of Water Colour and Pencil Studies of Ornament, Landscape, and Architecture, by J. B. Waring.
Wilson, C. Heath, Esq. :—
Il Museo di Antichità della R. Università di Torino. Notizie raccolte ed ordinate da A. Fabretti. 1872. Roy. 8vo.
Della Orificeria Italiana. Discorso di A. Castellani. 1872. Royal 8vo. ph.
La Pubblica Pinacoteca di Parma. Memoria di P. Martini. 1872. Royal 8vo.
Del Museo Nazionale di Napoli. Relazione al Ministro della Pubblica Istruzione di G. Fiorelli. 1873. Royal 8vo.
Il Regio Museo d'Antichità di Parma e gli Scavi di Velleia. 1872. Royal 8vo. ph.
Brevi Cenni storici intorno alla Pinacoteca della R. Accademia di Belle Arti in Bologna. 1872. Royal 8vo. ph.
La Galleria dell' Accademie di Venezia. Relazione storica per l'Esposizione di Vienna del 1873. Royal 8vo. ph.
Museo Archeologico della R. Biblioteca Marciana di Venezia. 1872. Royal 8vo.

Appendix D.

REPORT ON SOUTH KENSINGTON MUSEUM.

Notizia storica intorno alle Gallerie di Quadri antichi e moderni della R. Accademia delle Arti del Disegno in Firenze. 1873. Royal 8vo. ph.
Notizie storiche intorno alla R. Accademia delle Arti del Disegno in Firenze. 1873. Royal 8vo.
Relazione in risposta ad alcuni quesiti ministeriali sulla Reale Pinacoteca di Torino da inviarsi alla Esposizione Universale di Vienna. 1872. Royal 8vo ph.

RECEIVED FROM DIRECTOR.

Beschreibender Katalog einer Sammlung von Spitzen und Kanten. Von Dr. Fr. Bock. 8vo. ph.
Catalog der reichhaltigen Rudolph'schen Munz-Sammlung (Universell) verbunden mit der gewählten Sammlung römischer und griechischer Münzen des Herrn Baron R. von Weldenstein, &c. 1875. Royal 8vo.
Die Glasindustrie, ihre Geschichte, gegenwärtige Entwicklung und Statistik. Herausgegeben von L. Lobmeyr. 1874. 8vo.
Report of Girton College, Jan. 1875. 8vo. ph.

TRANSFERRED FROM EDUCATIONAL LIBRARY.

Allgemeiner Katalog des Königlichen Landwirthschaftlichen Museums zu Berlin. Von Dr. L. Wittmack. 1873. 8vo.
Atti della Provinciale Accademia delle Belle Arti in Ravenna, dell' anno 1873. Compilati dal Commendatore F. J. Lanciani. 1874. 8vo.
Führer durch das Königl. Landwirthschaftliche Museum in Berlin. Von Dr. L. Wittmack. 1873. 16mo.
Museums Schlesischer Alterthümer zu Breslau. Verzeichniss des unter dem Protectorate, &c. 1872. 12mo.
Schlesiens Vorzeit in Bild und Schrift. 22 Bericht, &c., herausgegeben von Dr. H. Luchs. 1874. Band 2, Heft 10. 4to. ph.
Bulletin de l'Union Centrale. 1874. Imp. 8vo. Nos. 1–5.
Select Greek and Roman Antiquities from Vases, &c., engraved by H. Moses. p. 4to.

## (5.) PUBLICATIONS RECEIVED IN EXCHANGE.

Breslau, Museum Schlesischer Alterthümer:—
Schlesiens Vorzeit in Bild und Schrift. 24 Bericht, &c., 1875. Band II. Heft 12. 4to. ph.
Fabretti, Signor A.:—
Secondo Supplemento alla Raccolta delle antichissime Iscrizioni Italiche per cura di A. Fabretti. 1874. Imp. 8vo. ph.
Foreign Office, The:—
Amtlicher Bericht über die Wiener Weltausstellung im Jahre 1873. Hefte 16 & 17. 8vo.
Relazioni dei Giurati Italiani sulla Esposizione Universale di Vienna del 1873. Fas. 1, 2, 3, 4, 6, 7, 8, 10, 11, 12, 13, 15. 8vo.
Genoa, Accademia Ligustica di Belle Arti:—
Atti della Accademia Ligustica di Belle Arti. 1874. 9vo. 2 copies.
Milano, Museo d'Arte Industriale in:—
252 Unmounted Photographs of Objects in the "Museo d'Arte Industriale in Milano." With catalogue. 8vo. ph.
Paris, Cabinet du Préfet de la Seine:—
Histoire Générale de Paris, viz.:—
Les Anciennes Bibliothèques de Paris, par A. Franklin. 1867. 3 vols. 4to., and duplicate of Vol. 3.
Topographie historique du Vieux Paris, Par feu A. Berty et H. Legrand. 1868. II. Louvre et des Tuileries. 1868. 4to.
Paris et ses Historiens. Par Le Roux de Lincy et L. M. Tisserand. 1867. 4to.
Le Cabinet des Manuscrits de la Bibliothèque Impériale. Par L. Delisle. 1868. Vols. 1 & 2. 4to., and duplicate of Vol. 2.
Ex. Int. de Londres, 1874. France. Cat. Spécial de l'Ex. de la Ville de Paris. 1874. Royal 8vo. 2 copies.

Liste des Œuvres d'Art exposées par la Ville de Paris. Ecole des Beaux-Arts. Juillet 1874. 12mo. 2 copies.
Ballu. Monographie de l'Église de la Sainte Trinité. 1868. fol.
Ballu. Monographie de l'Église Saint-Ambroise. 1874. fol.
Magne. Monographie du nouveau Théatre du Vaudeville. 1873. fol.
Baltard et Callet. Monographie des Halles Centrales de Paris. 1863. fol.
Ville de Paris. Collection Lapidaire et Relevé des Fouilles. Fol. (45 mounted photographs in portfolio.)
Ville de Paris. Plan de Quesnel. 1609. (12 mounted photographs in portfolio.) fol.
Ville de Paris. Plan dit de a Tapisserie. Vers 1512. 4 mounted and 36 unmounted Photographs in portfolio.
A Lithograph. Plan of the Arrondissements de Paris.
16 Lithographs. Atlas administratif de la Ville de Paris.
6 Engravings after Paintings in the Église de St. Eustache.
1 Engraving after a Painting in the Église St. Jervais.
2 Engravings after Paintings in the Hôtel de Ville, Paris.
1 Engraving after a Painting in the Église de St. Germain-des-Prés. "Entrée de Jésus à Jérusalem."
2 Engravings. Topographie Historique du vieux Paris. Elevation Panoramique.
10 Mounted Photographs. Hôtel Carnavalet.
3 Engravings from Paintings in the Hôtel de Ville, Paris.
Les Théatres de la Place du Chatelet. Par C. Daly & G. Davioud. fol.
Histoire générale de Paris, viz.:—
Etienne Marcel. Prévôt des Marchands (1354–1358). Par F. T Perrens. 1874. 4to.
Les Armoiries de la Ville de Paris. 1874. Vol. 1. 4to.

Schalk, Dr.:—
Annalen des Vereins für Nassauische Alterthumskunde und Geschichts forschung. Vol. 13. 1874. Imp. 8vo.

Schwerin in Mecklenburg:—
Jahrbücher des Vereins für meklenburgische Geschichte und Alterthumskunde, aus den Arbeiten des Vereins, herausgegeben von Dr. G. C. L. Lisch. Vol. 39. 1874. 8vo.

Trier, Gesellschaft für nützliche Forschungen zu:—
Jahresbericht der Gesellschaft für nützliche Forschungen zu Trier von 1872 und 1873. 1874. 4to.

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## (6.) Art Books and Pamphlets published in 1875.

I beg to report that I have found 659 titles of publications relating to Art matters, or containing plates interesting and useful to Art students, which were issued during the past year. This number, however, includes not a few catalogues, as well as papers and notices reprinted from periodical publications.

There are—

| | | |
|---|---|---|
| 183 | publications | in English. |
| 196 | „ | French. |
| 215 | „ | German. |
| 54 | „ | Italian. |
| 7 | „ | Spanish. |
| 3 | „ | Dutch. |
| 1 | „ | Swedish. |

470 of these publications have been obtained for the National Art Library.

(Signed) J. W. Appell,
Assistant Keeper.

(*c.*) COLLECTION OF BUILDING MATERIALS AND MODELS OF CONSTRUCTION, &c.

*List of Donations and Loans with Names of Contributors.*

Cubes of building stone, from the Forest of Dean. Mr. J. T. Thomas, Coleford.

Trial blocks of Portland cement, and plain and ornamental building bricks. The Burgh Castle Cement Company, Limited, Great Yarmouth.

Cubes of building stone, Whitby Whinstone. Mr. G. W. Waddington, Whitby.

Wall decoration in cement. Mr. C. Vickery, Barnstaple.

Statue in terra cotta, "Wm. Shakespeare." Minton & Co., Stoke-on-Trent.

Paper hangings. French manufacture. Imitations of wall decorations in leather, damasks, and stuffs. Period of Louis XV. M: P. Balin, Paris.

Stained glass. Modern English. Church window. Messrs. O'Connor and Taylor, Berners Street.

Drain pipes, Staffordshire blue clay. J. Hamblet, West Bromwich.

Window sash fastener in brass. Hopkinson's patent. Messrs. Wm. Tonks & Sons, Birmingham.

Flush door bolt. Hayward's patent. Messrs. W. Tonks & Sons, Birmingham.

Irish marbles, polished. W. H. Sibthorpe, Dublin.

Woods, small samples from China.

Wood staining, specimens of various imitations. Mr. W. Jackson, 199, High Street, Borough.

Models in cardboard, showing elevations and plans of Industrial Workmen's dwellings erected in Pimlico and Bethnal Green. The Improved Industrial Dwellings Co., Limited, Finsbury, E.C.

Hand tools, craftsmen's, from China. Masons, plasterers, and others.

Ditto „ Borneo.

Ditto „ Ceylon.

Wall tiles, ornamental. Craven Dunnill & Co., Iron Bridge, Salop.

Drain pipe, stoneware, oval. Mr. W. Birch, Westminster Chambers, S.W.

Stoneware drain pipes. The Branksea Island Co., Poole.

The foregoing objects contributed to the collection of building materials were chiefly derived from the Annual International Exhibition of 1874.

(*d.*) COLLECTION OF MODELS OF MACHINERY.

*List of Donations and Loans.*

Two photographs of double-action steam pump, by Messrs. F. Pearn & Co., Manchester, were presented by them to the collection.

A model of a single standard steam hammer, was received for exhibition from Messrs. B. and S. Massey, Manchester.

A high pressure steam-engine of 8 horse-power having an inverted cylinder standing on two well-devised cast-iron standards, with fly wheel and governor complete, was lent for exhibition by Mr. W. G. Glover, C.E., Britannia Works, Wharf Road, N.

From the same gentleman was received a series of his patent steel hold-fast washers, for securing nuts and bolts. These washers are very largely used in bolting the fish joints of railway permanent way.

Two lithographs of Haydon's patent method of securing the tyres of railway engine and carriage wheels. Mr. J. W. Cuss, New Swindon, Wilts.

### (*e.*) Collection of Ship Models and Marine Engineering.

#### 1. *List of Donations.*

A photograph of a 3-cylinder high pressure steam engine attached to a lift and force pump, having also three cylinders or pumps. Messrs. Brotherhood and Hardingham, Compton Street.

A working model of a ship's boat-lowering apparatus, designed by Mr. R. J. Fairbridge, Stoke Newington, and presented by him.

#### 2. *List of Loans.*

Whole model of an armour plated ship of war, illustrating a proposal for the application of screw propellers to the fore and aft parts of the ship. Mr. R. Griffiths, Westmoreland Road, Bayswater.

A pair of slip hooks, full size, for disengaging ships' boats. Messrs. Hill and Clark, Westminster Chambers, Victoria Street.

A gimbol compass, for small vessels. Mr. H. Sandham.

17 photographs of lighthouse apparatus erected by them. Messrs. Chance Brothers, Birmingham.

Working model of a steering gear for screw line of battle ship, designed by Admiral Martin, 1858.

Models of studding sails and their spars.

Bolt rope and canvas showing "parcelling."

Whole model of a gun boat having one gun in a turret amidships nearly; the turret to be manœuvered by Cunningham's chain and winch gear. The late Mr. H. P. D. Cunningham, Gosport.

Drawing on a scale of 3 inches to 1 foot, Messenger's vertical tubular steam boiler for ships' steam launches. The drawing represents a $2\frac{1}{2}$ horse-power boiler for a 26 ft. steam launch. Messrs. Verey & Co., Engineers, Dover.

A two day ship's chronometer. Mr. V. Kullberg, Maker, Liverpool Road, Islington.

Sectional model, showing the ice house and cooling apparatus fitted on board steamships belonging to the Peninsular and Oriental Company. The Peninsular and Oriental Steam Navigation Company, Leadenhall Street.

Working model of a two blade Griffiths' screw propeller, with an apparatus for adjusting the pitch of the screw. Mr. R. Griffiths, Westmoreland Road, Bayswater.

### (*f.*) Miscellaneous Returns.



(1.) Return of Monthly Attendance of Visitors at the South Kensington Museum.

| 1875. | Free Days. | | Students' Days. | Totals. | Corresponding Numbers in | | | |
|---|---|---|---|---|---|---|---|---|
| | Morning. | Evening. | | | 1874. | 1873. | 1872. | 1871. |
| January - | 37,406 | 16,219 | 8,182 | 61,807 | 65,380 | 67,705 | 91,199 | 69,999 |
| February - | 28,293 | 14,504 | 7,131 | 50,028 | 52,500 | 47,793 | 147,609 | 71,742 |
| March - - | 59,831 | 20,235 | 6,863 | 86,929 | 63,329 | 67,562 | 138,514 | 75,449 |
| April - - | 35,800 | 17,004 | 10,453 | 63,257 | 106,831 | 89,422 | 165,889 | 113,574 |
| May - - | 52,140 | 21,531 | 7,576 | 81,247 | 97,937 | 62,100 | 91,152 | 103,279 |
| June - - | 33,157 | 21,016 | 12,263 | 66,436 | 20,368 | 85,145 | 75,748 | 71,631 |
| July - - | 44,837 | 19,358 | 14,987 | 79,182 | 70,470 | 70,585 | 78,222 | 81,872 |
| August - | 49,594 | 22,297 | 9,109 | 81,000 | 98,256 | 77,153 | 88,459 | 76,384 |
| September - | 34,928 | 20,932 | 9,374 | 65,234 | 80,017 | 80,371 | 75,720 | 75,992 |
| October - | 36,097 | 20,214 | 8,967 | 65,278 | 75,622 | 65,497 | 66,375 | 69,775 |
| November - | 29,617 | 18,284 | 7,436 | 55,337 | 50,619 | 58,134 | 53,460 | 48,320 |
| December - | 51,867 | 16,145 | 6,465 | 74,477 | 61,896 | 87,570 | 83,721 | 81,312 |
| Totals - | 423,667 | 227,739 | 108,806 | 830,212 | 914,127 | 859,037 | 1,156,068 | 939,329 |

Appendix D.

REPORT ON SOUTH KENSINGTON MUSEUM. STATEMENT OF VISITORS.

(2.) COMPARATIVE STATEMENT of YEARLY ATTENDANCE of VISITORS from the opening of the MUSEUM, 1857 to 1875 inclusive.

| YEAR. | Total for the Year. | Average Monthly Attendance. | | Total Monthly Average. |
|---|---|---|---|---|
| | | Free Days, Morning & Eveng. | Students' Days. | |
| 1857 - - (From 22nd June.) | 268,291 | 39,906 | 4,809 | 44,715 |
| 1858 - - | 456,288 | 32,284 | 5,740 | 38,024 |
| 1859 - - | 475,365 | 33,373 | 6,241 | 39,614 |
| 1860 - - | 610,696 | 41,541 | 9,350 | 50,891 |
| 1861 - - | 604,550 | 40,848 | 9,531 | 50,379 |
| 1862 - - | 1,241,369 | 85,726 | 17,721 | 103,447 |
| 1863 - - | 726,915 | 49,652 | 10,924 | 60,576 |
| 1864 - - | 653,069 | 44,300 | 10,122 | 54,422 |
| 1865 - - | 692,954 | 48,230 | 9,516 | 57,746 |
| 1866 - - | 756,075 | 53,111 | 9,895 | 63,006 |
| 1867 - - | 646,516 | 43,393 | 10,483 | 53,876 |
| 1868 - - | 881,076 | 63,881 | 9,542 | 73,423 |
| 1869 - - | 1,043,654 | 77,817 | 9,154 | 86,971 |
| 1870 - - | 1,014,849 | 74,863 | 9,708 | 84,571 |
| 1871 - - | 939,329 | 69,495 | 8,782 | 78,277 |
| 1872 - - | 1,156,068 | 84,693 | 11,645 | 96,339 |
| 1873 - - | 859,037 | 63,867 | 7,719 | 71,586 |
| 1874 - - | 914,127 | 66,929 | 9,248 | 76,177 |
| 1875 - - | 830,212 | 60,117 | 9,067 | 69,184 |
| Total from June 1857 | 14,770,440 | Yearly average for 17 years, omitting 1857 and 1862, 780,046. | | |

(3.) ATTENDANCE OF THE PUBLIC DURING HOLIDAYS.

| YEAR. | Easter. | | Whitsuntide. | | Christmas. | |
|---|---|---|---|---|---|---|
| | Easter Monday. | Easter Week. | Whit-Monday. | Whitsun-Week. | Boxing Day. | Christmas Week. |
| 1857 - - | - - | - - | - - | - - | 5,918 | 21,649 |
| 1858 | 6,151 | 15,218 | 4,427 | 15,409 | 9,683 | 24,322 |
| 1859 | 5,000 | 20,020 | 5,268 | 14,512 | 8,651 | 26,847 |
| 1860 | 9,648 | 28,108 | 8,587 | 19,823 | 5,957 | 14,830 |
| 1861 | 7,100 | 24,919 | 8,011 | 19,599 | 9,694 | 27,165 |
| 1862 | 16,332 | 39,048 | 14,070 | 36,798 | 5,962 | 20,521 |
| 1863 | 11,786 | 20,076 | 6,552 | 15,404 | 8,382 | 23,622 |
| 1864 | 8,559 | 27,518 | 6,285 | 16,005 | 12,898 | 35,984 |
| 1865 | 7,322 | 29,778 | 13,108 | 30,487 | 12,637 | 27,754 |
| 1866 | 11,710 | 30,000 | 9,571 | 34,723 | 9,816 | 24,108 |
| 1867 | 10,422 | 26,594 | 7,371 | 22,577 | 5,976 | 21,790 |
| 1868 | 12,494 | 35,241 | 7,504 | 27,591 | 20,629 | 48,037 |
| 1869 | 20,405 | 54,354 | 17,856 | 40,868 | 21,615 | 51,259 |
| 1870 | 19,824 | 48,043 | 14,317 | 37,013 | 16,750 | 41,433 |
| 1871 | 21,626 | 50,385 | 15,364 | 33,359 | 19,650 | 45,592 |
| 1872 | 38,723 | 91,838 | 21,304 | 42,214 | 20,654 | 44,932 |
| 1873 | 20,656 | 41,218 | 15,244 | 34,565 | 17,425 | 36,379 |
| 1874 | 27,760 | 53,890 | 16,479 | 43,925 | 12,796 | 29,224 |
| 1875 | 23,975 | 44,950 | 13,427 | 32,967 | 21,050 | 44,184 |

## Bethnal Green Branch Museum.

### (4.) Monthly Attendance of Visitors at Bethnal Green Branch Museum.

| 1875. | Free Days. | | Students' Days. | Totals. | Corresponding Nos. in | | |
|---|---|---|---|---|---|---|---|
| | Morning. | Evening. | | | 1872. | 1873. | 1874. |
| January - | 19,885 | 23,505 | 735 | 44,125 | — | 74,925 | 36,643 |
| February - | 13,438 | 20,890 | 607 | 34,935 | — | 43,563 | 36,960 |
| March - | 28,980 | 31,511 | 1,075 | 61,566 | — | 77,959 | 46,200 |
| April - | 18,049 | 24,531 | 869 | 43,449 | — | 94,839 | 60,216 |
| May - | 31,377 | 27,174 | 392 | 58,943 | — | 62,186 | 54,464 |
| June - | 13,106 | 20,266 | 582 | 33,954 | 50,883 | 73,433 | 38,510 |
| July - | 17,170 | 24,517 | 703 | 42,390 | 257,282 | 52,853 | 40,449 |
| August - | 20,335 | 27,698 | 713 | 48,746 | 192,412 | 53,734 | 59,914 |
| September | 13,259 | 23,997 | 786 | 38,042 | 140,574 | 55,450 | 49,134 |
| October - | 13,180 | 22,923 | 445 | 36,548 | 101,127 | 36,405 | 39,436 |
| November | 12,378 | 20,314 | 298 | 32,990 | 72,454 | 35,636 | 31,230 |
| December - | 26,413 | 19,832 | 165 | 46,413 | 86,732 | 48,489 | 37,520 |
| Totals - | 227,570 | 287,158 | 7,370 | 522,098 | 901,464 | 709,472 | 530,676 |

Total since the opening of the Museum on the 25th June 1872, 2,663,710.

### (5.) Return of Admission Fees received at Bethnal Green Branch Museum.

| 1875. | Admission Fees. | | | Periodical Tickets. | | | Catalogues. | | | Waiting Rooms. | | | Totals. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | £ | s. | d. | £ | s. | d. | £ | s. | d. | £ | s. | d. | £ | s. | d. |
| January - - | 15 | 12 | 6 | 0 | 13 | 0 | 3 | 17 | 8 | 1 | 10 | 7 | 21 | 13 | 9 |
| February - | 11 | 9 | 0 | 1 | 2 | 0 | 3 | 7 | 0 | 1 | 5 | 5 | 17 | 3 | 5 |
| March - - | 23 | 3 | 0 | 1 | 0 | 0 | 11 | 3 | 7 | 2 | 8 | 6 | 37 | 15 | 1 |
| April - - | 19 | 2 | 0 | 0 | 10 | 6 | 5 | 6 | 9 | 1 | 17 | 1 | 26 | 16 | 4 |
| May - - | 9 | 11 | 6 | 0 | 0 | 6 | 1 | 0 | 4 | 1 | 16 | 3 | 12 | 8 | 7 |
| June - | 14 | 8 | 6 | | — | | 1 | 0 | 1 | 1 | 9 | 1 | 16 | 17 | 8 |
| July - - | 17 | 3 | 6 | 0 | 1 | 0 | 1 | 7 | 7 | 1 | 9 | 7 | 20 | 1 | 8 |
| August - - | 17 | 4 | 0 | | — | | 1 | 3 | 6 | 1 | 15 | 0 | 20 | 2 | 6 |
| September - | 19 | 4 | 0 | 0 | 1 | 6 | 1 | 4 | 1 | 1 | 11 | 2 | 22 | 0 | 9 |
| October - - | 10 | 11 | 0 | 0 | 2 | 0 | 1 | 15 | 2 | 1 | 6 | 11 | 13 | 15 | 1 |
| November - | 6 | 16 | 0 | 0 | 3 | 0 | 1 | 10 | 8 | 1 | 5 | 0 | 9 | 14 | 8 |
| December - | 3 | 15 | 0 | 0 | 1 | 0 | 1 | 3 | 9 | 1 | 7 | 5 | 6 | 7 | 2 |
| Total - | 168 | 0 | 0 | 3 | 14 | 6 | 34 | 0 | 2 | 19 | 2 | 0 | 224 | 16 | 8 |
| 1872, 24 June - | 1,850 | 1 | 0 | 4 | 14 | 6 | 769 | 19 | 9 | 54 | 15 | 2 | 2,679 | 10 | 5 |
| 1873 - - - | 1,094 | 13 | 6 | 10 | 12 | 6 | 372 | 6 | 7 | 49 | 19 | 11 | 1,527 | 12 | 6 |
| 1874 - - | 318 | 8 | 0 | 9 | 18 | 0 | 93 | 14 | 2 | 22 | 12 | 5 | 444 | 12 | 7 |

(6.) COMPARATIVE STATEMENT OF RECEIPTS, AT SOUTH KENSINGTON MUSEUM, PAID INTO THE EXCHEQUER.

| —— | 1857. | | | 1858. | | | 1859. | | | 1860. | | | 1861. | | | 1862. | | | 1863. | | | 1864. | | | 1865. | | | 1866. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | £ | s. | d. | £ | s. | d. | £ | s. | d. | £ | s. | d. | £ | s. | d. | £ | s. | d. | £ | s. | d. | £ | s. | d. | £ | s. | d. | £ | s. | d. |
| Admission fees | 431 | 5 | 4 | 864 | 3 | 0 | 853 | 5 | 0 | 1,599 | 9 | 6 | 1,428 | 1 | 6 | 3,334 | 16 | *6 | 2,030 | 3 | †6 | 1,024 | 5 | 6 | 1,204 | 1 | 0 | 1,167 | 16 | 0 |
| Period[l] tickets | 13 | 17 | 0 | 51 | 1 | 6 | 35 | 4 | 6 | 62 | 3 | 0 | 75 | 0 | 6 | 78 | 11 | 6 | 69 | 0 | 0 | 82 | 2 | 6 | 90 | 1 | 0 | 86 | 9 | 0 |
| Catalogues - | 91 | 3 | 7 | 181 | 13 | 2 | 168 | 1 | 6 | 260 | 6 | 8 | 193 | 3 | 7 | 892 | 2 | 10 | 224 | 5 | 3 | 142 | 2 | 2 | 71 | 0 | 2 | 97 | 15 | 8 |
| Lecture tickets | 19 | 6 | 0 | 66 | 12 | 6 | 72 | 15 | 6 | 30 | 7 | 9 | 39 | 5 | 6 | 11 | 17 | 6 | 7 | 4 | 6 | 8 | 10 | 6 | 13 | 2 | 6 | 9 | 4 | 0 |
| Refresh[t] rooms | 18 | 18 | 9 | 50 | 14 | 9 | 42 | 12 | 1½ | 43 | 8 | 10 | 100 | 0 | 0 | 319 | 5 | 3 | 198 | 18 | 10 | 184 | 19 | 9 | 225 | 18 | 5 | 229 | 19 | 1 |
| Waiting rooms | 12 | 16 | 1 | 17 | 1 | 10 | 13 | 15 | 6 | 21 | 13 | 6 | 25 | 9 | 2 | 127 | 1 | 5 | 49 | 17 | 6 | 51 | 1 | 3 | 60 | 15 | 8 | 68 | 1 | 10 |
| Private societies | - | | - | 24 | 0 | 0 | 13 | 0 | 0 | 42 | 12 | 3 | 37 | 3 | 0 | 108 | 15 | 0 | 29 | 0 | 0 | 34 | 16 | 0 | 35 | 0 | 0 | 31 | 0 | 0 |
| Total - | 587 | 6 | 9 | 1,255 | 6 | 9 | 1,198 | 14 | 1½ | 2,060 | 1 | 6 | 1,898 | 3 | 3 | 4,872 | 10 | 0 | 2,608 | 9 | 7 | 1,527 | 17 | 8 | 1,699 | 18 | 9 | 1,690 | 5 | 7 |

*continued.*

| —— | 1867. | | | 1868. | | | 1869. | | | 1870. | | | 1871. | | | 1872. | | | 1873. | | | 1874. | | | 1875. | | | Total. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | £ | s. | d | £ | s. | d. | £ | s. | d. | £ | s. | d. | £ | s. | d. | £ | s. | d. | £ | s. | d. | £ | s. | d. | £ | s. | d. | £ | s. | d. |
| Admission fees | 1,069 | 11 | 0 | 1,475 | 17 | 6 | 1,737 | 17 | 6 | 1,824 | 14 | 0 | 1,599 | 7 | 0 | 2,322 | 9 | 6 | 1,537 | 11 | 0 | 1,706 | 6 | 0 | 1,625 | 6 | 6 | 28,836 | 6 | 10 |
| Period[l] tickets | 92 | 7 | 0 | 117 | 16 | 0 | 161 | 3 | 0 | 172 | 17 | 6 | 172 | 8 | 0 | 189 | 15 | 0 | 187 | 14 | 6 | 178 | 6 | 0 | 180 | 5 | 0 | 2,096 | 2 | 6 |
| Catalogues - | 110 | 4 | 8 | 95 | 15 | 7 | 170 | 13 | 3 | 145 | 12 | 10 | 173 | 7 | 7 | 213 | 19 | 10 | 173 | 18 | 4 | 211 | 11 | 8 | 229 | 19 | 11 | 3,846 | 18 | 3 |
| Lecture tickets | 6 | 6 | 0 | 6 | 9 | 0 | 37 | 18 | 0 | 15 | 1 | 0 | 14 | 2 | 0 | 13 | 15 | 0 | 28 | 12 | 0 | 25 | 17 | 0 | 17 | 17 | 0 | 444 | 3 | 3 |
| Refresh[t] rooms | 187 | 8 | 10 | 216 | 5 | 8 | 241 | 10 | 3 | 248 | 7 | 2 | 224 | 0 | 3 | 285 | 11 | 6 | 203 | 16 | 2 | 200 | 1 | 3 | 145 | 15 | 1 | 3,367 | 11 | 11½ |
| Waiting rooms | 53 | 1 | 10 | 61 | 19 | 5 | 79 | 8 | 0 | 80 | 16 | 10 | 94 | 3 | 2 | 124 | 15 | 10 | 93 | 1 | 0 | 101 | 8 | 3 | 97 | 18 | 3 | 1,234 | 6 | 4 |
| Private societies | 31 | 0 | 0 | 25 | 0 | 0 | 25 | 0 | 0 | 25 | 0 | 0 | 83 | 10 | 0 | 63 | 0 | 0 | 61 | 10 | 0 | 100 | 10 | 0 | 25 | 0 | 0 | 794 | 16 | 3 |
| | | | | | | | | | | | | | 0 | 15‡ | 0 | 0 | 5‡ | 0 | 0 | ‡7 | 6 | 0 | 17‡ | 6 | 0 | 7 | 6 | 2 | 12 | 6 |
| Total - - | 1,549 | 19 | 4 | 1,999 | 3 | 2 | 2,453 | 10 | 0 | 2,512 | 9 | 4 | 2,361 | 13 | 0 | 3,213 | 11 | 8 | 2,286 | 10 | 6 | 2,524 | 17 | 8 | 2,322 | 9 | 3 | 40,622 | 17 | 10½ |

* International Exhibition year, 1862.
† Wedding Presents of H.R.H. the Princess of Wales, 1863.
‡ Forfeits for lost keys.

## 2. REPORT of the DIRECTOR for ART as to his Charge of the BRITISH and FOREIGN PICTURES and DRAWINGS in the FINE ART COLLECTIONS at SOUTH KENSINGTON.

I have to report that the paintings under my charge continue to be in a satisfactory condition, every care being taken to prevent any tendency to decay or accidental injury while open for study and inspection by the public.

In order to afford our Art Schools the benefits to be derived from the study of the "Historical series of water-colour paintings," a second series has been arranged for circulation for purposes of exhibition, and a third, as stated last year, is in course of formation for the same purpose. An endeavour is also being made, with such funds as are available, to increase and improve the collection of pictures in circulation for study in the Schools of Art, and a few purchases have been made with that intention.

An attempt has also been made to increase by purchase the series of British oil-paintings of which Mr. Sheepshank's gift was the foundation. The British pictures belonging to the National Gallery having been lately removed to Trafalgar Square, the South Kensington Museum is left without any adequate representation of some of the greatest masters of the English school. The limited amount of the vote for this purpose, however, precludes the possibility of any rapid progress being made in this direction. The loan by Earl Spencer, of the most important portion of his collection, which will be open to the public in the course of the summer, will, however, supply for a time this deficiency, containing as it does numerous English paintings of the highest class.

The additions during the past year have been :—

| | |
|---|---|
| By gift or bequest— | |
| Oil pictures - - - - | 1 |
| Water-colours - - - | 4 |
| Chalk drawings - - - | 9 |
| By purchase— | |
| Oil pictures - - - - | 6 |
| Water-colours - - - | 31 |

The majority of the purchases were made by Mr. Redgrave before his retirement.

The catalogue of water-colour paintings announced as in course of preparation in the last Report is now completed, and is included in the Catalogue of the National Gallery of British Art.

EDWARD J. POYNTER,
Director for Art.

Appendix E.

# APPENDIX E.

Report by Prof. A. C. Ramsay.

## (1.) Report of the Director-General of the Geological Survey of the United Kingdom, (2.) the Museum of Practical Geology, and (3.) the Mining Record Office.

### 1. Geological Survey of England and Wales.

Geological Survey Office, 28 Jermyn Street, S.W.,
18th January 1876.

Sir,

I have the honour to lay before you for the information of the Lords of the Committee of Council on Education, the Annual Reports of the Geological Survey of the United Kingdom, the Museum of Practical Geology, and of the Mining Record Office.

Total area surveyed.

Mr. Bristow, the Senior Director of the Geological Survey for England and Wales, states that during the year 1875 the total area surveyed amounts to 1,737 square miles, with 7,288 miles of boundary lines. This is an increase of 335 square miles of area, and 2,326 miles of boundary lines, over that for the year 1874.

North-western district.

In the north-western district, under the superintendence of Mr. Aveline, including Cumberland, Westmoreland, and Lancashire, 546½ square miles have been surveyed, with 2,061 miles of boundaries.

This area includes the Skiddaw Slates, and associated Igneous rocks of the Lake Country, Old Red Sandstone, the Carboniferous, Permian, Triassic and Liassic beds of the Whitehaven coal-field, and also the Carboniferous strata of part of Lancashire.

The officers employed, and the amount of area surveyed in this district is shown in the accompanying table.

North-eastern district.

In the north-eastern district of Northumberland, Durham, and parts of Cumberland and Yorkshire, under the superintendence of Mr. Howell, the area surveyed amounts to 351 square miles, with 3,090 miles of boundary, consisting of Carboniferous, Permian, Liassic, Oolitic, and Cretaceous rocks as shown in the table previously referred to.

South-eastern district.

In the district partly under the charge of Mr. Whitaker, in Norfolk, Suffolk, Essex, Kent, and Cambridgeshire, 582 square miles have been surveyed, with 1,169 miles of boundary lines of the Cretaceous, Tertiary, and superficial deposits. (See table.)

In Lincolnshire, Leicestershire, and Nottingham, 31 square miles have been surveyed, with 80 miles of boundary of the New Red Marl, and numerous members of the Liassic and Oolitic rocks. (See table.)

South-west of England.

In the south-west of England, 227 square miles have been surveyed with 889 miles of boundary, of Secondary rocks and Bovey beds. (See Table.)

Mr. Rutley's work.

Mr. Rutley has been partly employed in the field, among the Igneous rocks of the West of England, with the object of obtaining specimens for microscopic examination, and to determine their mineralogical structure. He has also examined many microscopic sections and rock specimens in connexion with the forthcoming new edition of the Memoir on the Geology of North Wales, which will give an additional value to that volume.

During part of the year Mr. Rutley was employed in re-arranging the rock specimens in the Museum of Practical Geology, in examining them, and making notes for a future edition of the Descriptive Catalogue.

Much of Mr. Goodchild's time has been spent in teaching the mode of making a geological survey to Messieurs Mazzetti and Baldacci, mining engineers, who were sent by H.M. Secretary of State for Foreign Affairs, at the request of the Government of the King of Italy, for instruction in field surveying, previous to commencing the geological survey of their own country.

Mr. Goodchild.

Some of Mr. Russell's and Mr. Burn's time in the Autumn was also spent in instructing the above-named gentlemen and Mr. De Ferrari, for the same purpose.

Mr. Burns.

Maps.

During the year, one quarter-sheet, viz., 101 S.E., has been published, two maps (sheets 3 × 18) have been considerably revised, and new editions published, and three quarter-sheets, 97 N.W., S.W., 95 S.W., and one whole sheet, No. 47, have been prepared and dry-proofed for the engraver.

Thirty-four sheets on the scale of six inches to one mile have been published, viz., four sheets (63, 101, 107, 110,) of the Northumberland coal-field. Five sheets (16, 24, 32, 33, 34, 41, 42,) of the Durham coal-field. Three sheets (61, 69, 77,) of the Lancashire coal-field, and nineteen sheets (100, 133, 216, 217, 218, 248, 249, 250, 261, 263, 264, 275, 283, 284, 290, 295, 296, 298, 299, 300,) of the Yorkshire coal-field.

Eighteen sheets on the scale of six inches to one mile, have been dry-proofed and sent to Southampton for the purpose of being engraved.

Twelve sheets of horizontal sections have been published, viz., 91, 95, 97, 101, 103, 104, 105, 106, 107, 108, 111, 112.

Four of these (91, 95, 97, 101,) illustrate part of the Yorkshire coal-field, Seven (103, 104, 105, 106, 107, 111, 112,) have been prepared by Mr. Best, from the Report of the Royal Coal Commission of 1871, illustrating parts of the Somerset and Bristol coal-field. One (108) illustrates part of the Northumberland coal-field.

Two horizontal sections (100 and 110) of parts of the Yorkshire coal-field are in the hands of the engraver. Other sections, both horizontal and vertical are in course of preparation.

Maps engraving.

A large number of sheets on the scale of six inches to one mile are now being engraved, amounting in number to eighty-eight, consisting of 44 sheets of the county of Yorkshire, 21 sheets of the Northumberland and Durham coal-field, and 23 sheets of Westmoreland, Cumberland, and Lancashire.

Coloured office copies.

Ten maps on the six-inch scale have been completed and coloured, MS. copies made, and deposited in the office in the course of the year.

Six of these are adjacent to the published maps of the Yorkshire coal-field, and four to the Cumberland coal-field. These maps and a large number of similar ones are not at present intended for publication, but are placed in the office for reference.

Published memoirs.

*Memoirs.*—The Guide to the "Geology of London and the neighbourhood," written by Mr. Whitaker, in explanation of the map of "London and its environs," and of the large model of that area, constructed on a scale of six inches to one mile, which is placed in the Museum of Practical Geology, has been published. The first edition having been sold within a very short time, a second edition has been prepared and passed through the press.

The following memoirs have also been published during the year, viz.:—

The "Geology of the country between Blackpool and Fleetwood," by Mr. De Rance.

The "Geology of the Weald," (parts of the counties of Kent, Surrey, Sussex, and Hants,) by Mr. Topley.

Appendix E.

REPORT BY PROF. A. C. RAMSAY.

And the "Geology of Rutland," (parts of Lincoln, Leicester, Northampton, Huntingdon, and Cambridge, included in Geological Map, sheet 64.)

The valuable and important memoir last mentioned was written by Mr. Judd after he had left the survey, in doing which he made his work complete by the gratuitous preparation of a work which he was in no wise bound to write.

Memoirs in press.

A memoir on the "East Somerset and Bristol coal-field," illustrating sheets 19 and 35 is in type, and will very shortly be published.

A memoir on the "Geology of the Northern part of the Lake District," illustrating quarter-sheet 101 S.E., is also in type, and will soon be ready for issue.

A memoir on the superficial deposits of the south-west coast of Lancashire is also in type, and will be published during the current year.

A memoir of the Fenland District has been written by Mr. Sketchly, and is now in the hands of the printer. This memoir is of an exhaustive kind, and will form a valuable contribution to the memoirs of the survey, as it treats fully of the physical geography and geology of an interesting tract of country of great agricultural importance.

Memoir in preparation.

The writing of the Memoir on the Yorkshire coal-field by Messrs. Green and Russell has been continued, and is now considerably advanced.

Mr. De Rance.

During three weeks in April and May a large amount of Mr. De Rance's time was taken up in giving information to Captain Feilden, of the Royal Artillery, Naturalist to the Arctic Exploring Expedition. Mr. De Rance also accompanied Captain Feilden to the coast of Kent at Folkestone and Dover, to instruct him in the mode of carrying on Geological field-work, and in the method of constructing Geological Sections. The aid rendered by the Director-General, and Messrs. Best, Whitaker, Topley, and De Rance, to the Rivers Pollution Commissioners, is officially recognised in their Report (p. 24,) published in 1875, which also contains a Geological Map of the British Isles, prepared for the Commission by Mr. Best. The business of the office, including the final revision and publication of all the maps, memoirs, and other publications of the survey, and their issue to the public, has been executed with ability by Mr. Best.

Mr. Best.

The applications for information of a scientific character from the medical officers of the Local Government Board, Military Engineers, the Admiralty, Civil and Mining Engineers, Well Sinkers, and others, have been unusually numerous. In all cases where practicable, the information has been freely and promptly given.

Mr. Pugh, who acts as clerk, continues to discharge his duties with efficiency.

Henry Gray, the General Assistant, has given every satisfaction, and has been recommended for promotion.

Appendix E.

REPORT BY PROF. A. C. RAMSAY.

TABLE showing DISTRIBUTION of FIELDWORK, returned in 1875.

ENGLAND AND WALES.

| County. | Area in Square Miles.* | Amount of Boundary Lines. Miles. | Surveyors, and Area in Square Miles, returned by each. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | W. T. Aveline. | W. Whitaker. | W. Topley. | J. R. Dakyns. | R. H. Tiddeman. | J. C. Ward. | J. Lucas. | H. B. Woodward. | W. H. Penning. | C. Fox Strangways. | R. Russell. | W. H. Dalton. | J. G. Goodchild. | D. Burns. | W. Gunn. | C. E. De Rance. | F. J. Bennett. | T. V. Holmes. | W. A. E. Ussher. | J. H. Blake. | A. C. G. Cameron. | W. H. Holloway. | C. E. Hawkins. | S. B. J. Skertchly. | H. Miller. | A. Colvin. | E. J. Hebert. | C. Reid. | A. J. Jukes-Browne. | C. T. Clough. | A. Strahan. |
| Northumberland. | 59¼ | 569 | .. | .. | 23 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 11¼ | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 25 | .. | .. | .. | .. | .. | .. |
| Durham - | 24 | 330 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 7 | .. | .. | 79½ | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Cumberland - | 274¾ | 982¾ | 2 | .. | .. | .. | .. | 47½ | .. | .. | .. | .. | 32½ | .. | 14¼ | 37 | .. | .. | .. | .. | .. | .. | 25 | .. | .. | .. | .. | 37 | .. | .. | .. | 17 | .. |
| Westmoreland | 92¼ | 483½ | .. | .. | .. | 15¼ | .. | .. | .. | .. | .. | .. | .. | .. | 52 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 25 | .. | .. | .. | .. |
| Yorkshire - | 234 | 1,951¼ | .. | .. | .. | .. | 4 | .. | 94 | .. | .. | 102½ | .. | .. | .. | .. | 33½ | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Lancashire - | 213¼ | 834½ | 3 | .. | .. | .. | 36 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 101 | .. | .. | .. | .. | 6¼ | .. | .. | .. | .. | .. | .. | .. | .. | .. | 67 |
| Lincoln, Leicester, and Nottingham. | 31 | 80 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Norfolk - - | 35 | 115 | .. | .. | .. | .. | .. | .. | .. | 20½ | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 14½ | .. | .. | .. |
| Cambridge - | 139 | 257 | .. | .. | .. | .. | .. | .. | .. | .. | 75 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 64 | .. | .. |
| Suffolk - - | 213¾ | 443 | .. | 21 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 4 | .. | .. | .. | .. | 79 | .. | .. | 80 | .. | .. | .. | 28 | .. | .. | .. | 1¾ | .. | .. | .. |
| Essex - - | 119 | 259 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 119 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Kent - - | 75 | 95 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 75 | .. | .. | .. | .. | .. | .. | .. | .. |
| Devon, Somerset, and Dorset. | 226¾ | 888 | .. | .. | .. | .. | .. | .. | .. | 48½ | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 119¼ | .. | .. | .. | .. | .. | .. | .. | .. | 59 | .. | .. | .. |
| Total - | 1,737 | 7,288 | 5 | 21 | 23 | 15¼ | 40 | 47½ | 94 | 69 | 75 | 102½ | 32½ | 123 | 66¼ | 48¼ | 40½ | 101 | 79 | 79½ | 119¼ | 80 | 31¼ | 31 | 75 | 28 | 25 | 37 | 25 | 75¼ | 64 | 17 | 67 |

*Total area surveyed and returned in 1875=1,737 square miles.
" " 1874=1,402 "

Increase of area surveyed in 1875= 335 "

Appendix E.

## Geological Survey of Scotland.

Report of Director-General of the Geological Survey, &c.

Professor Geikie, the Director, states that during the year, 568¾ square miles have been surveyed.

The plan detailed in former reports, whereby the survey of the southern counties was to be prosecuted, has been steadily pursued. Mr. Geikie is happy to be able to report the completion of the whole of the south-eastern district of Scotland, including Berwickshire, the greater part of Roxburghshire, and the whole of the hilly country between the mouth of the Tweed, and the west end of the Cheviot Hills.

Area surveyed. Work to be done.

All that now remains to finish the mapping of the South of Scotland, up to the English border is the upper parts of the basins of the Teviot, Slitrig, and Liddel, with a portion of the high ground of Galloway, above Loch Doon, and a few miles of the low country in Kirkcudbright. Some portions of these southern uplands have necessitated much labour, and frequent re-examinations. The survey of them has taken a longer time than was at first anticipated. But he expects that the report to be made at the end of the present year will contain the announcement that the whole of the South of Scotland has been surveyed, and that the entire staff will next year take the field along the flanks of the Highlands.

Examination of ground to be surveyed.

As a preparation for this transference of the work of the survey, Prof. Geikie has personally made, this summer, several traverses of the Highland rocks, as well as of the Old Red Sandstone of the flanking hills, his object being to compare the structure of the Highlands with that of the Southern Silurian Uplands, on which the survey has been so long at work, and to obtain such information as might be useful in planning the survey of the northern half of the Kingdom.

District surveyor's work.

The District Surveyor having completed the survey of the portion of the southern counties entrusted to him, has been moved to Perth, and has general charge of the work in the Old Red Sandstone tracts, stretching north-eastward between the Grampians and the Firth of Tay. Two of the Assistant Geologists are placed under him in that district, and considerable progress has already been made in Perthshire and Forfarshire.

Maps published.

Twenty-one sheets of the six-inch County Maps of the coal-fields have been published during the year. These embrace the remaining portions of the great Clyde coal-basin, with the larger part of that of Stirlingshire.

Sheets Engraving.

Fourteen sheets are now in the hands of the engraver, comprising parts of the mineral fields of the counties of Lanark, Linlithgow, Perth, and Clackmannan. When these are completed, the six-inch maps of the whole of the Scottish coal-field, will be available to the public.

Sheet published.

Of the one-inch Map of Scotland, one sheet has been published, having been engraved during the year. It contains an area of 432 square miles, and forms one of the most important maps yet issued by the Survey in Scotland. It embraces the valuable coal and ironstone region lying between the eastern outskirts of Glasgow, and the towns of Linlithgow and Bathgate, as well as parts of the interesting volcanic districts of West Lothian and the Camsie Hills.

Sheets in preparation.

Two sheets of the one-inch map are in preparation. One of these includes the greater part of Wigtonshire, and a tract on the western borders of Kirkcudbright, the other contains Glasgow and the country lying to the west as far as the foot of Loch Lomond, Gourock, and the North of Ayrshire.

Several other sheets are ready for engraving.

Fossils collected, examined, &c.

Four thousand one hundred and ninety-seven fossils have been collected during the past year, chiefly illustrative of the Carboniferous

formation. Good progress has been made in naming and arranging them. Appendix E.

The large series of fossils obtained in the Autumn of 1874 from the Upper Silurian Series of Kirkcudbright has been examined and named to the number of 2,084 specimens. Report by Prof. A.C. Ramsay.

Six hundred and sixty-eight specimens from the Carboniferous rocks of Dumfries, Roxburgh, and Linlithgow have been similarly completed. 1,200 specimens have been arranged, labelled, and added to the cases of the Survey Collections.

Two hundred and thirty-seven specimens of rocks have been collected during the year to illustrate the sedimentary and igneous formations in the counties of Berwick, Roxburgh, Perth, and Dumbarton. Rocks collected, &c.

Though the survey of the great coal-field has been for some time completed, additional information is constantly obtained, and made use of in improving the published maps, and in the preparation of new sections. 5,714 feet of Vertical Sections of coal-fields have been procured during the year, and 3,000 feet have been drawn on the scale of forty feet to the inch, for the purpose of being engraved. Sections.

It was considered desirable to suspend the further publication of Horizontal Sections until the survey of the Southern counties should be completed. The approaching completion of that tract allows the preparation of these sections to be resumed.

Forty-nine miles have, during the year, been drawn for the engraver, on the scale of six inches to the mile.

Sections are now in progress to illustrate the structure of the South-east of Scotland, including the Lammermuir and Cheviot Hills, and the plains of Berwick and Roxburgh.

TABLE showing the DISTRIBUTION of FIELD-WORK of the GEOLOGICAL SURVEY of SCOTLAND, during the year 1875.

| Names of Counties. | Names of Surveyors and Area. | | | | | | Total Area Surveyed. |
|---|---|---|---|---|---|---|---|
| | J. Geikie. | B. N. Peach. | H. Skae. | R. L. Jack. | J. Horne. | D. R. Irvine. | |
| Ayrshire | — | — | — | — | 5½ | 19¼ | 24¾ |
| Berwickshire | — | 20¼ | — | — | — | — | 20¼ |
| Dumfriesshire | — | — | 37½ | — | — | — | 37½ |
| Fife | — | 4½ | — | — | — | — | 4½ |
| Forfarshire | — | — | 42½ | — | — | — | 42½ |
| Kirkcudbrightshire | — | — | — | — | 71½ | 61 | 132½ |
| Perthshire | 95 | 2 | — | 101 | — | — | 198 |
| Roxburghshire | 23¼ | 74¼ | — | — | — | — | 97¾ |
| Selkirkshire | — | 8¾ | — | — | — | — | 8¾ |
| Wigtonshire | — | — | — | — | — | 2¼ | 2¼ |
| | 118 | 110 | 80 | 101 | 77 | 82½ | 568¾ |

## GEOLOGICAL SURVEY OF IRELAND.

Professor Hull, the Director for Ireland, reports, that during the year the survey has progressed steadily over a considerable tract, extending across the country from the Coast of Mayo, to that of Antrim. The number of square miles of newly surveyed ground amounts to 685, embracing 937 linear miles of boundary traced, and 88 miles of coast Area surveyed.

Appendix E. REPORT OF DIRECTOR-GENERAL OF THE GEOLOGICAL SURVEY, &C.

section examined. In addition to this, 150 square miles in the counties of Wexford, Kilkenny, and Dublin have been re-surveyed, making in all, 841 square miles, with upwards of a thousand miles of coast and boundary completed.

The details of these operations are given in the following table :—

(1.) *Area surveyed.*

| Counties. | Square Miles. | Miles of Geological Boundary Traced. | Miles of Coast or Railway Examined. |
|---|---|---|---|
| Antrim | 10 | — | — |
| Cavan | 16 | 22 | — |
| Derry | 88 | 170 | — |
| Fermanagh | 53 | 57 | — |
| Leitrim | 85½ | 125 | — |
| Mayo | 318½ | 417½ | 83 |
| Sligo | 18 | 22 | 5 |
| Tyrone | 96 | 124 | — |
| Total | 685 | 937½ | 88 |

(2.) *Area re-surveyed.*

| Counties. | Square Miles. | No. of Miles of Coast examined. | Remarks. |
|---|---|---|---|
| Dublin | 26 | 19½ | Re-survey of the Leinster coal-field and vicinity. |
| Kilkenny | 56 | | |
| Tyrone | 4 | | |
| Wexford | 70 | 18 | |
| Total | 156 | 100½ | |

Through the courtesy of Admiral Sir J. W. Tarleton, in granting the use of the Coast Guard Station of Ballycastle, co. Mayo, for the summer months, Mr. Hull was enabled to concentrate several officers of the Survey on the wild district of Erris, extending from Killala Bay to Broad Haven, and bounded along the north by precipitous coast, sometimes rising into cliffs of 1,000 feet above the waters of the Atlantic. In this way, and by the occasional use of several shooting lodges, kindly lent by their owners, the greater part of this very inaccessible district has been examined. Considerable progress has also been made with the survey of the Island of Achil, so that it is probable that by the end of next year, the examination of the Province of Connaught will have been completed.

Maps

During the year, four sheets have been published, viz. : sheets 35, 39, 66, and 70, making, with those of previous years, a total of 146 sheets published down to the present time; also, that eight sheets are in various states of preparation for publication, viz., sheets 53, 60, 67, 68, 69, 71, 93, 94; while 18 sheets are in progress, viz., sheets 19, 20, 33, 34, 39, 40, 44, 45, 51, 52, 54, 56, 57, 58, 62, 63, 64, 65.

Appendix E.

REPORT BY PROF. A. C. RAMSAY.

Memoirs.

Fossils.

One Memoir has been published, namely, a second edition revised of the Memoir, on sheets 102, 111, containing the district around the city of Dublin. Other M.S. memoirs are in the press, or in various stages of preparation.

One sheet on the six-inch scale has been published, viz.. No. 1, co. Roscommon.

Mr. Baily, the Palæontologist, reports that 3,968 fossils have been collected, whilst about 3,000 from these and former collections have been named.

## Natural History Branch of the Survey and the Museum of Practical Geology.

### Palæontological Department.

Palæontological department.

Mr. Etheridge, the Palæontologist, reports, that during the year, 11,082 specimens have been received, and added to the Survey collection from three sources, viz.:—

| | |
|---|---|
| Purchases | 8,125 |
| Presentations | 957 |
| Collected by Survey | 1,425 |
| Duplicates from Scotland | 575 |
| | 11,082 |

The following list shows the details of the above:—
Purchased:—

| | |
|---|---|
| The Cunnington Collection, almost entirely Cretaceous, and illustrating the Palæontology of Wilts and Dorset | 4,685 |
| The Tate Collection, the Lower, Middle, and Upper Lias, illustrating the Palæontology of Yorkshire, and much of the West of England | 3,440 |
| Presented by F. Riccardo, Esq. | 957 |
| Duplicates from the Survey of Scotland | 575 |
| Collected in the field | 1,425 |
| | 11,082 |

Mr. Etheridge, and Mr. Sharman, examined, named, and catalogued 3,507 specimens, and in addition, Mr. Etheridge named in July the whole of the Fossils from the cores of the Sub-Wealden exploration amounting in number to 1,295 species, making a total of 4,802 fossils named, examined, and catalogued, as follows:—

| | |
|---|---|
| Silurian | 78 |
| Devonian | 40 |
| Carboniferous | 320 |
| Lias | 613 |
| Oolite | 2,930 |
| Wealden | 20 |
| Cretaceous | 746 |
| Tertiary | 55 |
| | 4,802 |

In addition to the above work, Mr. Etheridge devoted much time to the Palæontological part of several memoirs passing through the

Appendix E. — Report of Director-General of the Geological Survey, &c.

press, especially that of Mr. Judd on Rutlandshire, and of Mr. Woodward on the Bristol Coal-field.

Mr. Etheridge also assisted me in the Palæontological work in North Wales, with special reference to my new edition of Vol. 3 of the Memoirs of the Geological Survey (the Geology of North Wales). The Appendix to this has occupied much time in the office.

## Naturalist's Department.

Naturalist's department.

Professor Huxley reports, that many and important additions have been made to the Collection of Fossils in the Museum during the past year. Among the most valuable are the Cretaceous series purchased of Mr. Cunnington (also mentioned by Mr. Etheridge).

Second. The Mammalian remains from the Woodbridge district, which formed part of the Baker collection.

Third. A large series of Liassic and other fossils mentioned above, collected by Mr. Ralph Tait, and having a particular value from that circumstance.

Under the supervision of Mr. Etheridge, Mr. E. T. Newton has examined, and specifically compared and determined about 4,820 specimens from the above-named collections, and of these, 3,381 specimens have been incorporated with the collection exhibited in the Museum.

The new specimens have been tabulated by Mr. R. B. Newton, the Junior Assistant, who has also prepared a large number of labels which were needed in the Museum. The Manuscript Catalogue of the Cretaceous Series of Invertebrate Fossils has been completed.

The Cretaceous Vertebrate Fossils are being re-arranged, and the additions to the collection are being examined and named, with a view to their incorporation.

The specimens in the Lower Silurian wall-cases are re-tabulated.

Mr. E. T. Newton has further been of great service in developing the series of Stagonolepis remains, from Elgin, and in preparing casts and models of the bones, an operation requiring much skill, intelligence, and patience. He has thus greatly aided Prof. Huxley in preparing the materials for the Memoir on the Reptiles of the Elgin Sandstones, which is nearly ready for publication. A list of the Donations is appended. Among these, the donation by Mrs. Elizabeth Warne, of a series of Mammalian Fossils from the Red Crag; and the donations of Sir William Codrington, Mr. Hicks, Mr. Judd, Col. Mansel-Pleydell, Mr. Ricardo, Mr. W. J. Smith, are particularly worthy of notice.

## (2.) Museum of Practical Geology and Library.

Geological Museum.

Mr. Reeks, the Curator and Librarian, reports that the donations to the Museum and Library are given in the lists appended (I. and II.). The number of visitors during the year has amounted to 24,338 in the day, and to 15,348 in the two evenings of the week, during which the Museum is open to the public, together, 39,686.

The third edition of the Catalogue of Specimens in the Museum, illustrative of the composition and manufacture of British Pottery and Porcelain, which was alluded to in the last Report, has been prepared by Mr. Rudler, and will be very shortly issued to the public.

The Catalogue of the Library in preparation for the printers, and for which a vote on account was taken in the estimates, is duly progressing.

A large block model, showing both the superficial and solid geology of the Metropolis, has been placed in the Museum, and has proved very

attractive to the visitors. The surface of the Model exhibits above 160 square miles of ground, and this vast residential quadrangle may be roughly stated to be bounded on the N.W. by Hampstead, S.W. by Wimbledon, N.E. by Great Ilford, and S.E. by Shooters Hill. The total length of sections drawn is over 52 feet, or about 105 miles, and they are carried down through the Eocene beds, the Chalk, and the Upper Green Sand, to the Gault. It was constructed by Mr. T. B. Jordan, under the superintendence of Mr. Whitaker, of the Geological Survey.

The Guide to the Geology of London and the Neighbourhood, referring to this Model, also prepared by Mr. Whitaker, has been sold out in a very short space of time, and a new edition called for.

The Model and Guide are daily studied by landowners, engineers, householders, and others.

### (3.) Mining Record Office.

Mining Record Office.

The Keeper of Mining Records, Mr. Robert Hunt, reports that, although working under a continuation of the difficulties which have impeded his progress since the passing of the Acts regulating the working of Mines and Collieries, he is enabled to state some points which are especially satisfactory as showing the value set upon the "Mineral Statistics" by our coal owners and metal mine proprietors.

Arrangements have been made by the Secretary of State for the Home Department, so that the Returns made from the Metal Mines to the Inspectors, and forwarded to the Home Office, are sent to this Office. As these returns give only the quantities of ore raised, which is of small importance, it is still necessary for him to obtain the values of the ores sold, and the quantities of metal which they produce.

The Returns from the Collieries remain still unavailable for the purposes of the Mining Record Office. It is necessary, therefore, that circulars should be issued to each of the 3,500 collieries worked in the United Kingdom, soliciting voluntary returns, after they have already made returns, which are compulsory, under the Act. To this duty, and to issuing circulars to the Metalliferous Mines, for the reasons above named, the first months of the year 1875, were devoted.

It is satisfactory to state that, having written to several of the Coal Trade Associations of the United Kingdom, asking for their assistance, he has most promply received their attention. In some cases, the Committees have made direct appeals to the members to assist his inquiries, and in others, as for instance, "The North of England United Coal Trade Association," "The Coal Masters Association," &c., have issued circulars urging their members to give him every assistance. In addition to this, the Mines Drainage Commissioners have sent returns from the collieries embraced by their Act, and in every way, Mr. R. Hunt adds, he has been greatly assisted. Notwithstanding this, many coal owners have raised objections, on principle, against their being required to make two sets of returns to the Government in the same year, and eventually, their returns were made to him, as an act of special favour, after his having made personal application to them at their colliery offices.

The first, the original duty assigned to the Keeper of Mining Records, being the collection and preservation of the records of subterranean work, Mr. R. Hunt gave his attention to this object early in the year, and visited the Mines of Cornwall and Devonshire for this purpose. On returning to London, Mr. Hunt arranged the returns which had been received, and prepared matter for the printers. He then proceeded into the coal districts of the Midland counties, and of Yorkshire, for the purpose of seeing those coal owners who had not made returns. While engaged on this duty, Mr. Hunt was overtaken by illness, which

Appendix E.

REPORT OF DIRECTOR-GENERAL OF THE GEOLOGICAL SURVEY, &c.

compelled him to seek, for a period, absolute repose. On recovery, he gave some time to the completion of the information which was necessary to render the returns from the Metal Mines of any value. At the same time he availed himself of the opportunities afforded when visiting the Mines of adding to the Mining Records.

The Autumn of the year was devoted to the completion of the "Mineral Statistics," which had been delayed. For some time Mr. Hunt lost the valuable assistance of Mr. Richard Meade, who was prostrated by severe illness, but aided by the unwearying attention of Mr. James Jordan, Mr. Hunt was enabled to complete the work, and publish it in November.

Mr. Hunt states that, as usual, the Mining Record Office has been consulted by very many persons interested in mines and collieries, and that the information collected and preserved has enabled him to afford the inquirers much valuable information.

Appended to this Report is a list of the documents which have been added to the already extensive collection of plans and sections of mines during the year.

In addition to those already received, a considerable number of drawings are in progress, and will be added to the Mining Records before the close of the financial year.

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DONATIONS of FOSSILS, 1875.

BATESON, S., Esq.—A series of shells from the Raised Beach on the top of Moeltryfan, Co. Carnarvon.

BODGER, J. W., Esq.—Ten specimens of Serpula vertebralis from the Oxford Clay of Woodstone.

CALLAWAY, Chas., Esq., M.A.—A specimen of Pisocrinus pilula from the Wenlock Shale of Malvern.

CODRINGTON, Sir Wm.—A collection of Fossils, the property of the late Miss Bethel.

ETHERIDGE, R., Esq., F.R.S.—Cidaris Smithii and Stomechinus germinans from the Pea grit of Cheltenham.

ETHERIDGE, R., jun., Esq., F.G.S.—Nine specimens of Plant remains, &c. from the Lower Carboniferous series, Cement Stone Group, Kingswood End, near Burntisland, Fife Coast.

GARDNER, J. S., Esq., F.G.S.—One specimen of a new species of Aporrhais (A. Griffithii) from the Lower Gault of Folkestone.

GAVEY, G. E., Esq., F.G.S.—Seven specimens of Nucula from the Lower Lias of Mickleton Tunnel, showing peculiar spiral or convoluted bodies in the interior.

HICKS, Henry, Esq., F.G.S.—Twenty-six specimens of Trilobites, Mollusca, &c. from the Tremadoc and Arenig Beds of St. David's and Ramsey Island; several of these are the figured specimens.

HUGHES, Prof. T. McK., M.A.—Two specimens of Trigonia pulchella from the Upper Lias of Lincolnshire.

JUDD, J. W., Esq., F.G.S.—A series of Belemnites from the Neocomian Strata of Speeton Cliff and Acre House, Tealby.

LUCY, W. C., Esq., F.G.S.—A specimen of Ophiolepis Damesii from the Rhœtic Beds, Garden Cliff, Westbury.

LUXMOORE, E. B., Esq.—Phillipsastræa radiata and Lithostrotion Martini from the Carboniferous Limestone of Denbigh.

MACKENZIE, W. G., Esq.—A Salenia with the spines attached from the Greensand of Blackdown.

MANSEL-PLEYDELL, Col., F.G.S.—Four figured specimens, being two Trigonia pellati, one Trigonia Voltzii, and one Cerithium Manseli; also Ammonites Calisto and Coccoteuthis latipinnis, all from the Kimmeridge Clay; one Ostrea from the Chalk, and one from the Portland stone; one Pecten from the Greensand; one coral and one sponge.

PAGE, F. G. M., Esq., B.Sc,—Two specimens of Plant remains converted into charcoal from the Wealden, near Hastings.

PERCEVAL, S. G., Esq.—Three specimens of Montlivaltia Victoriæ, from the Middle Lias of Cherrington, Warwickshire; eight pebbles from various localities containing fossils and resembling the Budleigh Salterton pebbles; and one specimen containing Orthis redux, &c. from the Upper Llandovery (May Hill sandstone?) of Longwood, near Debury Hill, Bromsgrove, Lickey.

RICARDO, Frederick, Esq.—A collection of fossils from various localities and formations containing 372 British and 576 foreign specimens, besides nine large specimens of Mollusca.

SMITH, Dr.—Four Brachiopods from the Permian of Tunstall Hill.

SMITH, W. J. Bernhard, Esq.—The original specimen of Ammonites gracilis, described in the "Geologist," found in the Stonesfield Slate, at Sevenhampton, near Cheltenham.

Tryon, H. Curling, Esq.—Two specimens of Myoconcha from the Inferior Oolite of Sherborne.

WALKER, J. F., Esq., M.A.—Ammonites gracilis, sixteen Lamellibranchs and two Corals from the Fuller's Earth of Sapperton Tunnel; also four Terebratulæ from the Neocomian strata of Upware.

WARNE, Mrs. Elizabeth.—A series of Mammalian Teeth, &c. from the Red Crag of the Woodbridge district, forming part of the Baker Collection.

WATSON, Rev. R. B.—A slab containing remains of Megalichthys from the Coal Measures near Edinburgh.

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## I.

### DONATIONS to the MUSEUM.

ADMIRALTY, the Lords of the.—A specimen of the compound of copper and phosphorus used at Chatham for toughening copper; and a sample of copper refined by means of this compound.

ANTHONY, B., Esq.—A large crystal of Canadian Apatite, consisting of a hexagonal prism terminated by hexagonal pyramid, with several rough samples of the mineral.

ATKINS, R. D., Esq.—A small sample of native gold from Mac Mac, Transvaal Republic, and several small diamonds from the Kimberley Mine, South Africa.

BAUERMAN, H., Esq., F.G.S.—A sample of refined lead from litharge, smelted at Nent Head; specimens of galena, calcite and barytes, from Alston Moor; samples of calcined iron ore from Westbury; a specimen of "burnt iron," and two scoriaceous bombs from a blast furnace at Barrow-in-Furness.

BLACKWELL, the late E. S., Esq.—Several small crystals of Topaz from Southern Utah.

BONNER, Esq.—A gannister fire-brick, from the Long-Witton Colliery, near Morpeth, Northumberland.

CANADA, the Dominion of Canada Plumbago Company, Limited.—Several specimens of graphite from the Buckingham Mines; a large sample of "plumbago ore," and several examples of graphite prepared for use in the industrial arts.

CODRINGTON, General Sir William.—A valuable cabinet of Minerals, &c., collected by the late Miss Bethell.

DARKE, J. T., Esq.—Samples of galena and barytes, from the Cloosh Mine, Oughterard, Co. Galway.

DAWKINS, Prof. Boyd, M.A., F.R.S.—A sample of Kerosene shale from Mount Victoria, Sydney.

DE RANCE, C.E., Esq., F.G.S.—A core of millstone grit from a bore at Whithnell, near Blackburn; the specimen having been extracted by the diamond borer from a depth of 129 feet, and showing spiral groove.

DIAMOND ROCK BORING COMPANY, Limited.—Two steel crowns mounted with (imitation) carbonado; the 4-inch crown representing the size used in the Sub-Wealden bore-hole No. 1, and the 6-inch crown that used in commencing the bore-hole No. 2.

Appendix E.

REPORT OF DIRECTOR-GENERAL OF THE GEOLOGICAL SURVEY, &c.

DIAMOND, Dr. Hugh, F.S.A.—Two specimens of Kishere's Mortlake stone-ware; two Spode plates; a white porcelain dish with pattern similar to that on the old Staffordshire salt-glazed ware, and a two-handled cup in old Wedgwood ware, decorated by an amateur.

DUNN, E. J., Esq., F.G.S.—A copper "kerry" cast in a twig-mould by the Manatee Kafirs, Transvaal Republic.

DUNNACHIE, J., Esq.—Samples of fire-clay from Glenboig, near Coatbridge; with several fire-bricks and a Bessemer tuyere manufactured from this clay by the donor at the Star Works, Glenboig.

FITZGERALD, C., Esq.—Sample of iron ore from the Hull Mines, Ottawa Co., Canada.

FOSTER, Dr. C. Le Neve, B.A., F.G.S.—Sample of psilomelane from Chillaton Mine.

GRANT, Dr.—Sample of green apatite from near Ottawa, Canada.

HARRISON, Park, Esq., M.A.—Two worked flints from Cissbury Camp, Sussex.

HAWKINS, J., Esq.—A goblet, and cup and saucer, in Pinxton china.

HENTY, G. A., Esq.—Two specimens of cinnabar from Reed Mine, Yolo Co., California.

HORSFALL, J., Esq.—An old English earthenware plate, stamped "Rainforth & Co."

HOSKING, Capt. J.—A specimen of Chalkosiderite in gossan, from West Phœnix Mine, near Liskeard, Cornwall.

HOWARD, W., Esq.—A crystal of barytes from the fuller's earth pits at Nutfield, near Reigate.

ILLIDGE, T. B., Esq.—Twenty seals and other intaglios, by Palmer and contemporary imitators of Wedgwood.

LEMANN, C. H., Esq.—A cleaved specimen of transparent barytes from Dufton, Westmoreland.

LUDLAM, H., Esq., F.G.S.—A fine specimen of Harmotome from Strontian, Argyleshire, and several specimens of siderite from Cornwall.

MACPHERSON, J., Esq.—An iron horse-shoe cemented with pebbles into a conglomerate attached to chalk, from near Kingsgate, Kent.

MAYNARD, Capt. J.—A mass of botryoidal iron pyrites from East Pool Mine, near Redruth, Cornwall.

MURCHISON, K. R., Esq.—A water-colour sketch of Whitesand Bay, St. David's, showing cliffs of Lower Silurian rocks which exhibit junction between the Tremadoc and Lower Llandeilo strata, by C. R. Aston.

PARR, Dr.—An old Liverpool stove-tile printed in red with portrait of Mrs. Mattocks as Princess Catherine.

PERCEVAL, Spencer, G., Esq.—A specimen of Websterite from Brighton; a stalactite of quartz from Clifton, and other mineral specimens.

PICKFORD AND WINKFIELD, Messrs.—A large block of apatite, with phlogopite, from the Lower Laurentian rocks, North Burgess Mine, Perth, Ontario, Canada West.

RADERMACHER, J., Esq.—A clinker from the fire at the Pantechnicon, February 13, 1874.

RAMSAY, Professor A. C., LL.D., F.R.S.—Samples of copper pyrites from Nantile copper mines, Caernarvonshire.

SKERTCHLY, S. J. B., Esq., F.G.S.—A stone celt, found at Bourne, Lincolnshire.

TAWNEY, E. B., Esq., F.G.S.—Samples of red iron-ore from near Bristol.

TORQUAY TERRA-COTTA COMPANY, Limited.—A small vase in terra-cotta, with sample of the red clay used in the manufacture.

WALKER, W., Esq.—A model of the donor's patent detaching hook for preventing over-winding in pits.

WARD, J. Clifton, Esq., F.G.S.—A series of specimens illustrating the occurrence of plumbago at the Borrowdale Mines, Cumberland.

WHITE, Major W.—Two crystals of Almandine Garnet, exhibiting combination of rhombic dodecahedron, and icositetrahedron, from Ottowa, Canada.

WHITEHAVEN IRON MINING COMPANY, Limited.—A sample of hæmatite from the Eskdale iron mines, Cumberland.

WILLETT, H., Esq., F.G.S.—A piece of Rye pottery, dated February 18, 1811; an old English puzzle-jug; a small Worcester dish with Sir Joshua Reynolds' pattern; a Worcester cup painted with partridges; a thumb-painted mug; a terra-cotta plaque of modern Fulham manufacture, and two pieces of Worcester china disfigured by the fire at the Alexandra Palace.

WORCESTER, Directors of the Royal Porcelain Works.—A small cylindrical vase in ivory china, decorated in relief with figures in white on a celadon-green ground.

YORKSHIRE PHILOSOPHICAL SOCIETY, the Council of.—A plaster cast of a fragment of a mould for a Roman bowl of so-called Samian ware; the original found in 1874 during excavations outside the city of York.

TRENHAM REEKS,
Curator.

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## II.

### DONATIONS to the LIBRARY.

AMERICAN ACADEMY OF ARTS AND SCIENCES.—Proceedings of the Academy. Vol. X. 8vo. Boston, 1875.

BAUERMAN, H., Esq.—Gemählde der Sturmfluthen vom 3 bis 5 Feb. 1825. Von Friedrich Arends. 8vo., bound. Bremen, 1826. Also, Dr. Roehorst's Engineers, Manufacturers, and Miners' Vade-Mecum, in five languages.

BELGIAN GOVERNMENT, the.—Annales des Travaux Publics de Belgique. Vols. 20 to 31, 1861–73. And Chemin de Fer, Compte Rendu des Opérations. 11 parts, 1864–74.

BELL, I. Lowthian, Esq.—Notes of a Visit to the Coal and Iron Mines and Ironworks in the United States. 2nd ed.; by the donor. 8vo. Newcastle-on-Tyne, 1875.

BEST, E., Esq.—Geological Map of the United Kingdom, prepared by the donor for the Rivers Pollution Commission, 1875.

BONNEY, Rev. T. G.—Cambridgeshire Geology; by the donor. 8vo. Cambridge, 1875.

BROADHEAD, G. C., Esq.—Reports of the Geological Survey of the State of Missouri, 1855–71, 1873–74, with Atlas; by the donor. 8vo. Jefferson City, 1873–74. Also Preliminary Report on the Iron Ores and Coal Fields, with Atlas; by the donor. Cloth, 8vo. New York, 1873.

BROWN, J. T., Esq.—Proceedings of the California Academy of Sciences. Vols. 1, 2, 5. 8vo. San Francisco, 1854–75.

BRUSH, Prof. G. J.—Manual of Determinative Mineralogy; with an introduction on Blow-pipe Analysis; by the donor. 8vo., cloth. New York, 1875.

COX, E. T., Esq.—Fifth Annual Report of the Geological Survey of Indiana; by the donor. 8vo., cloth. Indianapolis, 1874.

DANBY, T. W., Esq.—Practical Guide to the Determination of Minerals by the Blowpipe; by Dr. C. W. Fuchs; translated by the donor. 8vo., cloth. London, 1875.

DUNCAN, Prof. P. M.—An Abstract of the Geology of India, for the use of the Students at the Royal Engineering College, Cooper's Hill; by the donor. Folio. London, 1875.

HAYDEN, Dr. F. V.—Annual Report of the United States Geological and Geographical Survey of the Territories, embracing Colorado; by the donor. 8vo., cloth. Washington, 1874.

———, —— Maps of the Sources of the Snake River, of the upper and Lower Geyser Basin, of Montana and Wyoming, and of Central Colorado.

———, —— Birds of the North-west; by Elliot Cones. 8vo., cloth. Washington, 1874,

———, —— Bulletin of the United States Geological Survey of the Territories. Nos. 2, 3. 1875.

LONDON, the Corporation of.—Thirteenth Supplement to the Catalogue of the Library of the Corporation. 8vo. London, 1875.

LUDLAM, H., Esq.—Traité de Minéralogie. Par le Cen. Haüy. 4 vols., 8vo., and Atlas, bound. Paris, 1801.

Appendix E.

REPORT OF DIRECTOR-GENERAL OF THE GEOLOGICAL SURVEY, &c.

NEWTON, E. T., Esq.—An Introduction to Animal Physiology. (Murby's Series); by the donor. 8vo., cloth. London, 1875.

NORTH OF ENGLAND INSTITUTE OF MINING AND MECHANICAL ENGINEERS, the Council of.—Transactions, Vols. 23, 24. 8vo., half-bound. Newcastle-on-Tyne, 1874–75.

POOLE, H. S., Esq.—Proceedings of the Nova Scotian Institute, Vol. 1, parts 1, 3, 4; Vol. 2, parts 1, 2; and Vol. 3, parts 1–4. 8vo. Halifax, 1863–74.

PRIBRAM, K. K. Berg-Direction zu. Der Siber-und Blei-Bergbau zu Pribram, Böhmen, zur Feier der im Adalbert-Schacht erreichten Saigerteufe von 1000 meter. 4to. Vienna, 1875.

PRUSSIA, Director of the Geological Survey of.—Lieferung VI., with Explanatory Memoirs.

QUARITCH, B., Esq.—A General Catalogue of Books; by the donor. 8vo. bound. London, 1874.

SMITHSONIAN INSTITUTION.—Annual Report of the Board of Regents, for 1873. 8vo., cloth. Washington, 1874.

SWEDEN, Director of Geological Survey of.—Survey Maps, Sheets 50–53, with Explanations; Gumælius on "Glaciala bildningar," and Hummel on "Rullstenbildningar."

TANNER, H. W. L., Esq.—On the Solution of Linear Partial Differential Equations of the Second Order; by the donor. 8vo.

VICTORIA, the Agent-General of.—Abstracts of Specifications of Patents; by W. H. Archer: Reports of the Mining Surveyors, &c. Mineral Statistics and Statistical Register.

WARNE, Mrs. Elizabeth.—The Tourmaline; by A. C. Hamlin. 8vo., cloth. Boston, 1873.

WASHINGTON, State Board of Geological Survey of.—Geological Survey of Michigan. 2 vols., 8vo., cloth, 1873, and folio Atlas, unbound.

WINCHELL, N. H., Esq.—The Geological and Natural History Survey of Minnesota, 1872–73, and Notes on Drift Soils, Peat, &c.

WOOLHOPE NATURALISTS FIELD CLUB.—Transactions of the club. 8vo., cloth. Hereford, 1874.

TRENHAM REEKS,
Librarian.

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LIST of DOCUMENTS added to the MINING RECORD OFFICE during the Year 1875, and of MINE PLANS and SECTIONS completed to this date.

1. Arkengarthdale, Yorkshire, section of strata.
2. Dufton Fell Mine, Westmoreland, section of strata.
3. Eden Valley, Westmoreland, section of boring No. 1 in Winton township.
4. Old Treburgett Mine, Camelford, Cornwall, plan of surface and workings.
5. The Fursden Mine, Okehampton, Devonshire, plan of the separate levels.
6. The Fursden Mine, Okehampton, Devonshire, longitudinal section of North lode.
7. The Fursden Mine, Okehampton, Devonshire, longitudinal section of South lode.
8. The Fursden Mine, Okehampton, Devonshire, longitudinal section of Middle lode.
9. China, North-east Provinces, map of coal and mineral districts.
10. Lewis Mine, Saint Erth, Cornwall, longitudinal section of the south branch.
11. Lewis Mine, Saint Erth, Cornwall, longitudinal section of Cock's lode.
12. Huel Mary Ann Menheniot, Cornwall, plan of mine workings.
13. Huel's Wrey Ludcott and N. H. Trelawney Liskeard, Cornwall, plan of workings.
14. Huel Trelawney, Liskeard, Cornwall, plan of workings.
15. Great South Tolgus, transverse section.
16. South Tolgus Mine do.
17. North Roskear Mine do.

18. North Huel Crofty and Huel Night, transverse section.
19. Huel Mary Ann, section of workings.
20. North Huel, Trelawney, plan of workings.
21. Craddock Moor Mine, do.
22. Providence Mines, plan of workings on Higgs and Sanders shafts.
23. Lovell Mines, Wendron, Cornwall, plan of workings to 40 fathoms level.
24. Great Huel Lovell, plan of workings.
25. Do. longitudinal section on North lode.
26. Do. Do. South lode.
27. Do. transverse section.
28. New Huel Lovell, plan and section of Crougey Well lode.
29. Do. plan of underground workings; longitudinal section of workings.
30. Longstone Edge Mines, plan of workings.
31. Do. section of lodes.
32. Do. section of strata.
33. Do. plan of pipes and rakes.
34. Hubbadale Mines, reduced plan of mine.
35. Longstone Edge Mine, section at Salad Hole shaft.
36. Magpie Mine, condition at the time of accident when men were suffocated.
37. Eglwyseg Lead Mine, plan and section.
38. Salad Hole Mine, plan of workings.
39. Deep Rake Vein, Longstone Edge, section at Salad Hole Level.
40. Do. section of branch adit from Brightside level.
41. Woodhead Tunnel, section of, on Map, Sheffield and Lincolnshire Railway.
42. Water Grove Mine, plan of workings.
43. Do. section of workings.
44. Do. "M.S." description.
45. Longstone Edge and Eyam, comparative levels.
46. Road from Salad Holes to Stony Middleton.
47. Red Soil Mine, reckoning book.
48. Do and Maypits, reckoning book.
49. Magpie and Red Soil Mines, protest to Barmaster.
50. Written defence of the Magpie miners for causing the death of three miners, 1833.
51. Geological sections of Holyfield, Hudghill Coop and Silver Band, 1829.
52. Derbyshire, miscellaneous papers and letters referring to Lead Mines.
53. Longstone Edge, account of lead ore raised and sampled since 1843.
54. Derbyshire Mines, account of sales of several mines since 1749.
55. Do. Do. 1766.
56. Hubbadale Mine, account book since 1840.
57. Do. merchants ledger.
58. Do. Do.
59. Do. Tutwork ledger.
60. Brightside Mine reckoning since 1836.
61. Longstone Edge Mine "M.S." Reports, &c., 1842.
62. Do. cost book.
63. Do. Tutwork work, &c. book.
64. Salad Hole reckoning book 1812.
65. Hubbadale Do.
66. Magpie Mine Reports and letters.
67. Hubbadale Mine Reports, 1842.
68. Do. section of plunger pumps.
69. Magpie Mine, Resolution Book.
70. Do. Cost Book.
71. Do. sundry letters and reports
72. Salad Hole Bargain book.
73. Hubbadale Mines, papers referring to.
74. Longstone Edge, reports, &c.
75. Hubbadale Mines, reports, &c.

Appendix E.

REPORT OF DIRECTOR-GENERAL OF THE GEOLOGICAL SURVEY, &c.

76. Basset and Grylls, plan of workings.
77. Huel Emma and Brookwood, longitudinal section.
78. Eldon Colliery, Durham, sketch showing five quarters and main seams.
79. Do. plan of estates belonging to the Earl of Eldon.
80. Saint Agnes Becon, clay deposits, section at Bryant's pits.
81. Do. Stephens and Co.'s pits.
82. Do. J. Peters' pits.
83. Do. Hitchins' pits.
84. Do. Trevanaance.
85. Do. Huel Coit.
86. Do. W. Peters' pits.
87. Do. Huel Dreath.
88. Do. T. Martin's pits.
89. Basset and Grylls plan and section on new shaft.
90. Do. plan on Breuton's lode.
91. Do. plan of Adit and Caunter.
92. Do. section of Caunter lode.

ROBERT HUNT.

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RETURN of Maps, Sections, and Memoirs of the Geological Surveys of England and Wales, Scotland, and Ireland, supplied to the Agents for sale during the year ended 31st December 1875.

| | England. | Scotland. | Ireland. | Total. |
|---|---|---|---|---|
| Whole sheets (1 inch to the mile) | 717 | 64 | 108 | 889 |
| Quarter sheets | 2,028 | — | — | 2,028 |
| Horizontal sections | 508 | 12 | 10 | 530 |
| Vertical sections | 369 | 99 | — | 468 |
| Index maps (4 miles to 1 inch) | 23 | — | — | 23 |
| Sheets on the 6-inch scale | 446 | 342 | 3 | 791 |
| Index of colours | 14 | 2 | — | 16 |
| Memoirs | 104 | 91 | 32 | 227 |
| Explanations of sections | 42 | — | — | 42 |
| | 4,251 | 610 | 153 | 5,014 |
| Issued during 1874 | 4,025 | 758 | 383 | 5,166 |
| Increase | 226 | *148 | *230 | *152 |

* Decrease in 1875 in the total, 152.

(Memoirs issued by the Stationery Office, not included in 1875.)

The annual sale of the maps, sections, &c. of the Geological Survey of England and Wales shows again an increase. The issue of memoirs is now entirely conducted by the Stationery Office, through the agents.

The accompanying Index Maps A. and B. show the state of the Survey in England and Wales; maps C. and D. that of Scotland, and maps E. and F. that of Ireland.

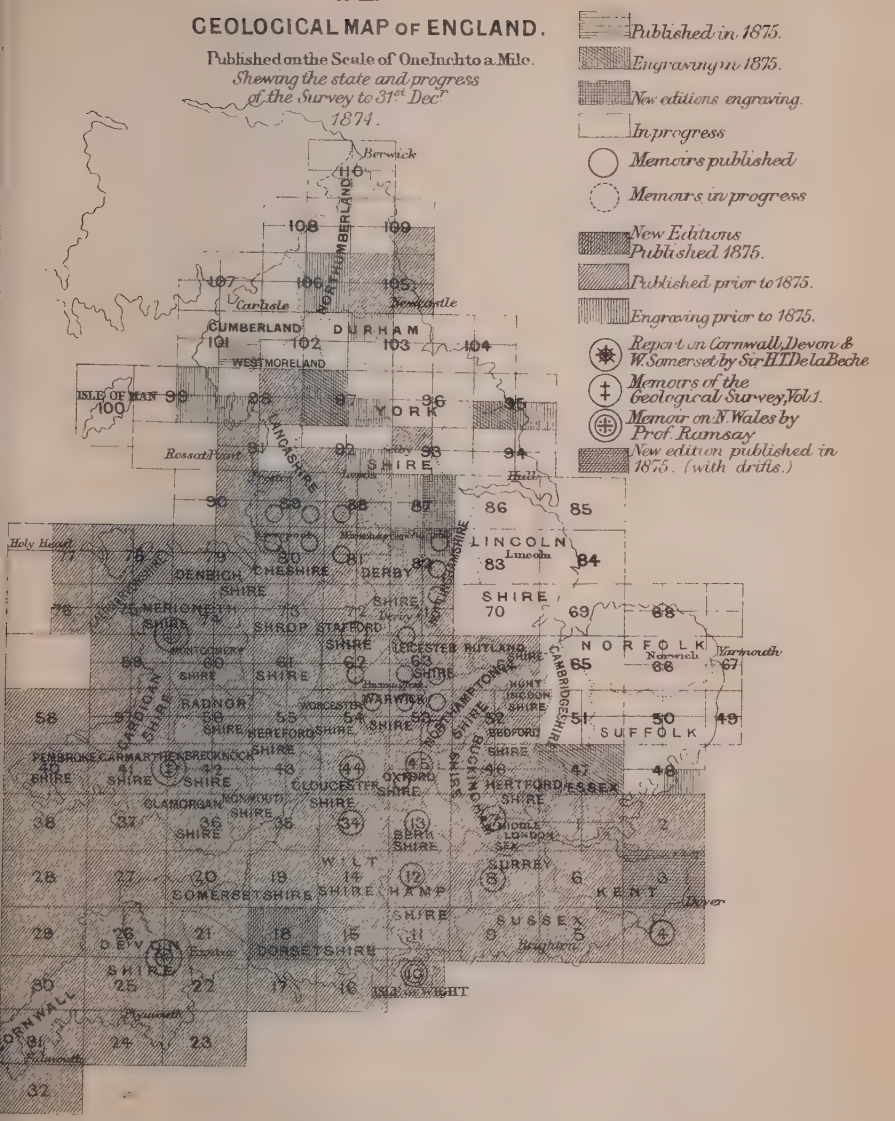
I have the honour to be,
Sir,
Your obedient servant,
ANDREW C. RAMSAY,
Director-General.

The Secretary,
Science and Art Department,
South Kensington.

# A.

# INDEX
to the
# GEOLOGICAL MAP OF ENGLAND.

Published on the Scale of One Inch to a Mile.
*Shewing the state and progress of the Survey to 31st Dec.r 1874.*

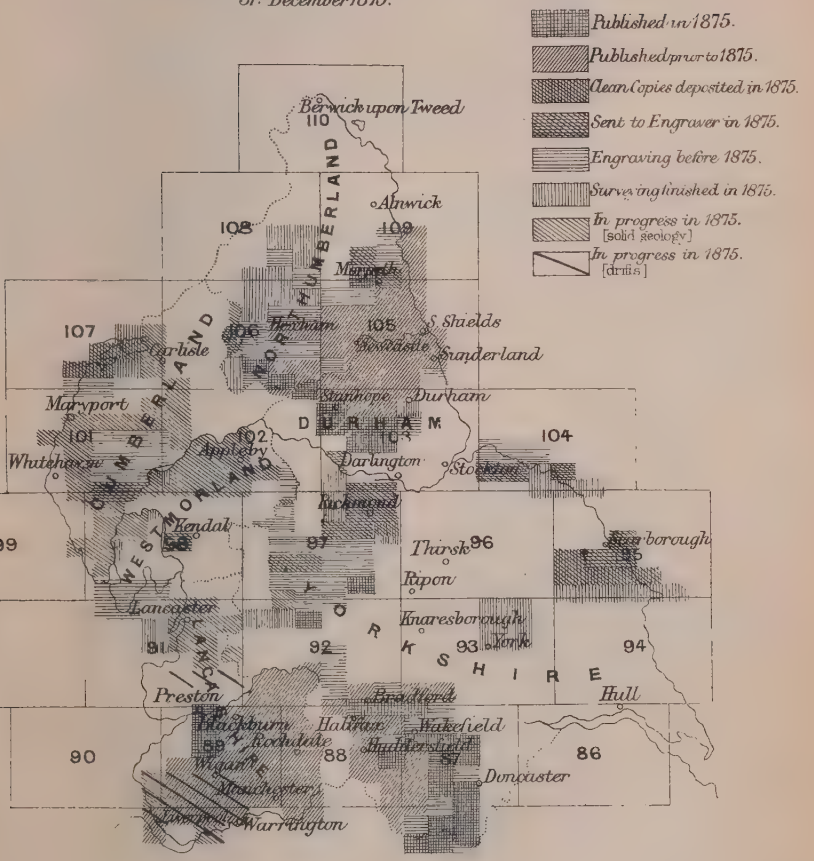



Frederick Dangerfield lith. London.

B.

# INDEX
OF THE
## GEOLOGICAL SURVEY
OF
## THE SIX NORTHERN COUNTIES
OF
# ENGLAND.

*Shewing Maps of the Scale of six inches to one mile and Corresponding Map of one inch to one mile also the state of publication up to 31st December 1875.*




Frederick Dangerfield, lith. London

C

# INDEX to the GEOLOGICAL MAP OF SCOTLAND

Published on the Scale of One Inch to a Mile

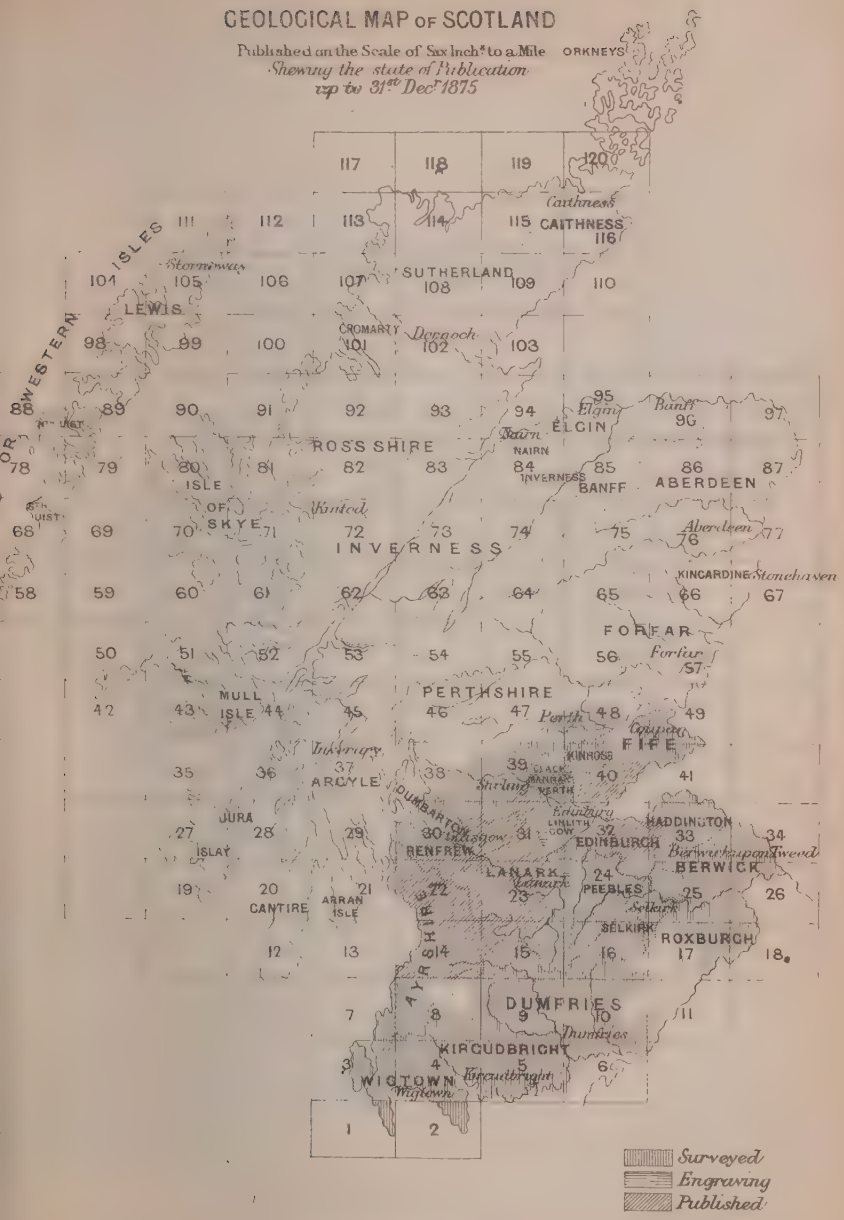
*Shewing the state of Publication up to 31st Dec.r 1875*

Frederick Dangerfield lith.d London

D

# INDEX to the GEOLOGICAL MAP OF SCOTLAND

Published on the Scale of Six Inch^s to a Mile
*Shewing the state of Publication up to 31^st Dec^r 1875*



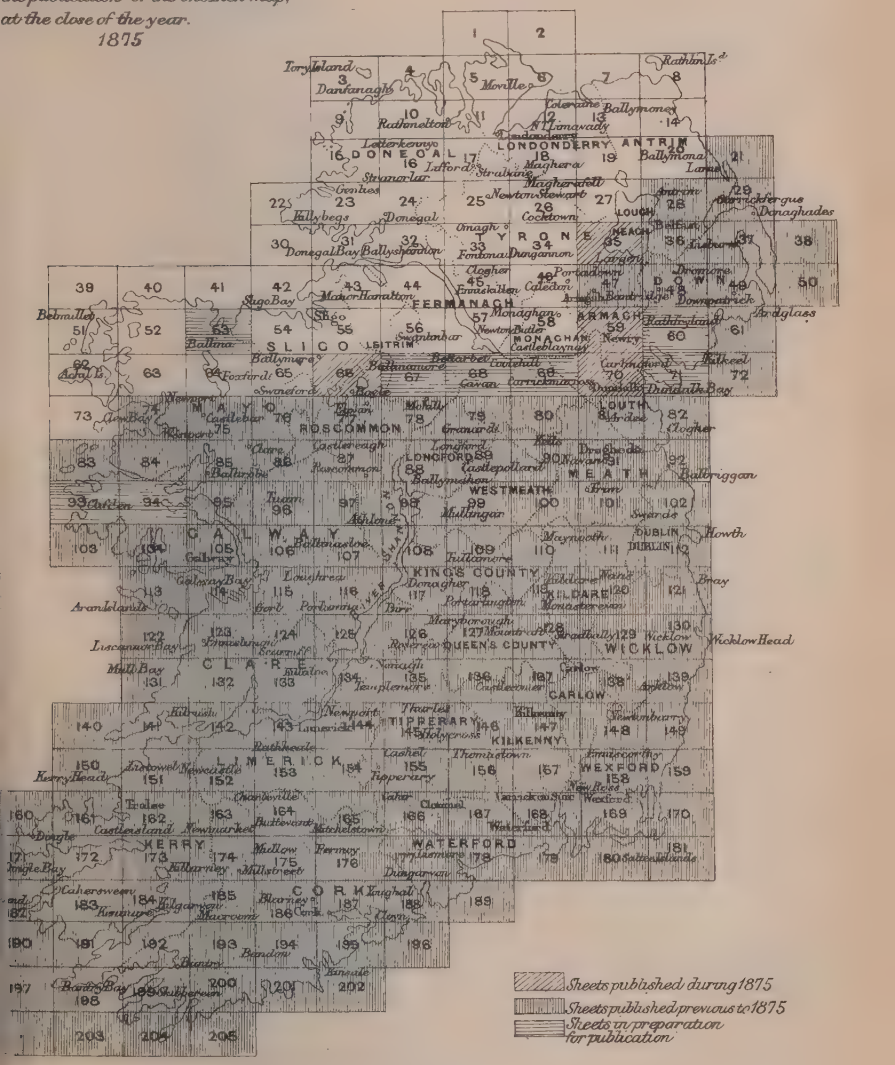

Frederick Dangerfield lith.l.ondon.

E

# INDEX
to the
# GEOLOGICAL MAP OF IRELAND
Published on the Scale of One Inch to a Mile.

**Nº 2.**

*Index coloured to show the state of the publication of the one Inch map, at the close of the year.*
*1875*



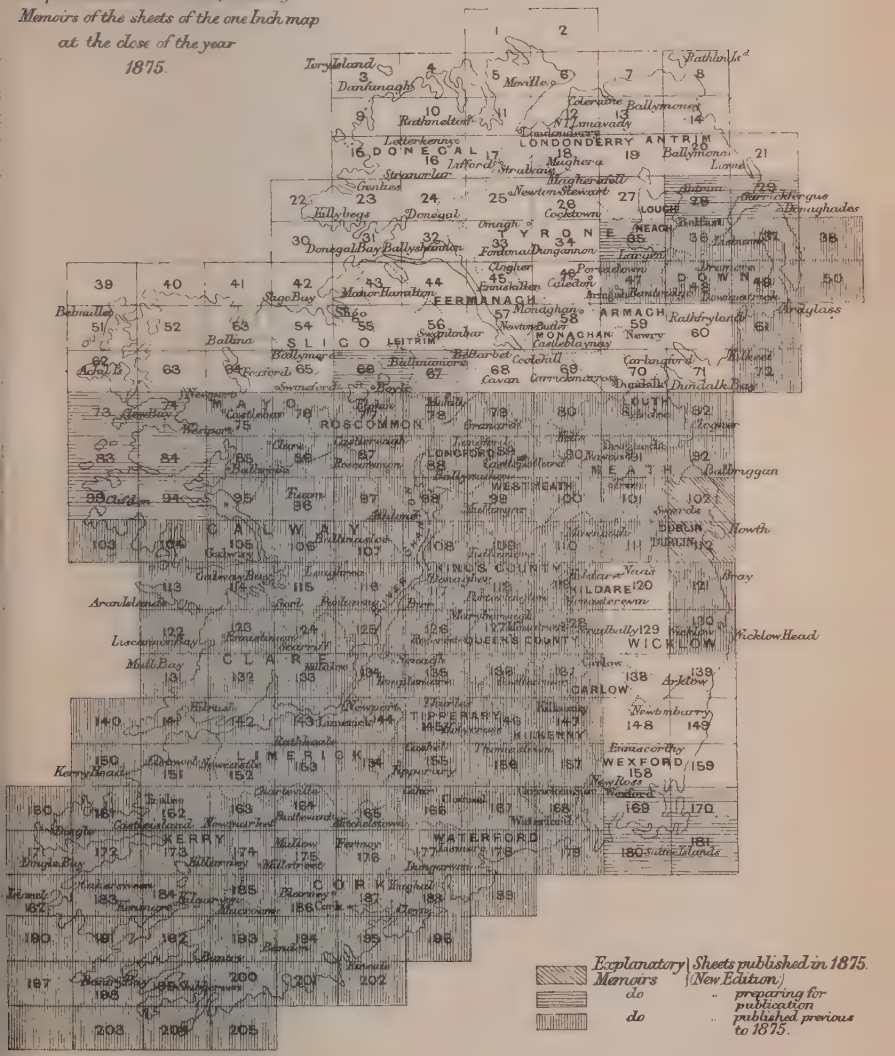

Frederick Dangerfield, 4th, London.

F

# INDEX
to the
# GEOLOGICAL MAP OF IRELAND
Published on the Scale of One Inch to a Mile.

**No 3.**

*Index coloured to show the state of the publication of the Explanatory Memoirs of the sheets of the one Inch map at the close of the year 1875.*




Frederick Dangerfield, 4th, London.

# APPENDIX F.



## REPORTS on the ROYAL SCHOOL of MINES, SCIENCE SCHOOLS (CHEMICAL DEPARTMENT), SOUTH KENSINGTON, and the METALLURGICAL LABORATORY.

### ROYAL SCHOOL OF MINES.

THE following is a tabular statement of the students entered and the fees received during the sessions 1873–74 and 1874–75.

| Description of Students. | 1873–4. | | | | 1874–5. | | | |
|---|---|---|---|---|---|---|---|---|
| | Nos. | Amount. | | | Nos. | Amount. | | |
| | | £ | *s.* | *d.* | | £ | *s.* | *d.* |
| Students entering for 1, 2, or 3 years, with a view to become Associates. | 36 | 1,055 | 0 | 0 | 31 | 905 | 0 | 0 |
| Royal Exhibitioners, gold medallists, &c. | 8 | 10 | 0 | 0 | 9 | 10 | 0 | 0 |
| | 44 | 1,065 | 0 | 0 | 40 | 915 | 0 | 0 |
| Students entering for special courses, viz.:— | | | | | | | | |
| Chemistry | 48 | 154 | 0 | 0 | 66 | 236 | 0 | 0 |
| Natural History | 19 | 44 | 0 | 0 | 19 | 44 | 0 | 0 |
| Physics | 40 | 71 | 0 | 0 | 29 | 63 | 0 | 0 |
| Geology | 14 | 44 | 0 | 0 | 10 | 34 | 0 | 0 |
| Mining | 9 | 32 | 0 | 0 | 7 | 24 | 13 | 4 |
| Mineralogy | 8 | 29 | 0 | 0 | 9 | 33 | 0 | 0 |
| Metallurgy | 14 | 53 | 0 | 0 | 7 | 18 | 13 | 4 |
| Applied Mechanics | 14 | 21 | 10 | 0 | 16 | 32 | 0 | 0 |
| Mechanical Drawing | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 |
| LECTURES TO WORKING MEN. | | | | | | | | |
| 1st course | 509 | 12 | 14 | 6 | 500 | 12 | 10 | 0 |
| 2nd course | 503 | 12 | 11 | 6 | 580 | 14 | 10 | 0 |
| 3rd course | 600 | 15 | 0 | 0 | 465 | 11 | 12 | 6 |
| 4th course | — | — | | | 600 | 15 | 0 | 0 |
| | — | 1,554 | 16 | 0 | — | 1,454 | 19 | 2 |

(Signed) TRENHAM REEKS,
Registrar.

Appendix F.

REPORT BY DR. FRANKLAND.

## CHEMICAL DEPARTMENT.—SCIENCE SCHOOLS.

SIR, South Kensington Museum, 9th June 1876.

I HAVE to forward you the enclosed schedules showing the numbers and classes of students operating in the laboratories during the year 1875, and of which the following is a condensed summary :—

| | Associate Students. | Special Students. | Science Teachers and Royal Exhibitioners. | Total. |
|---|---|---|---|---|
| Spring Session - | 37 | 48 | 19 | 104 |
| Summer „ - | 34 | 42 | 19 | 95 |
| Winter „ - | 28 | 41 | 19 | 88 |

Placed in juxtaposition with my last two returns, the chief feature to be noted is the great falling off in the number of associates, or students entering for the complete 3 years' course of the Royal School of Mines. This is seen from the following comparative numbers :—

| | 1873. | 1874. | 1875. |
|---|---|---|---|
| Associate students, exclusive of Royal Exhibitioners, entered for session beginning 1st Oct. | 46 | 37 | 28 |
| Other students entered for session beginning 1st Oct. | 46 | 60 | 60 |

In connexion with this serious diminution in the numbers of students willing to commit themselves to a 3 years' course of study in the Royal School of Mines, it is noteworthy that in the prospectus of 1873 the following notice was inserted :—"As the course of study and the "position of the Royal School of Mines, and the report of the Royal "Commission on Scientific Instruction are under the consideration of "the Lords of the Committee of Council on Education, it must be "clearly understood that the arrangements detailed in this prospectus "are liable at any time to alteration, and that such alteration will give "no right to compensation." A similar notice had been inserted in the prospectuses of many previous years. In 1874, however, this notice was exchanged for the following :—

"LABORATORIES. It is to be clearly understood that the laboratory "accommodation is limited, that the Department in no way undertakes "at present to increase it, and that students joining the school do so at "their own risk, and subject to the proviso that regulations may from "time to time be made or changed with regard to the amount of labo-"ratory accommodation at the disposal of the students of the Royal "School of Mines." I venture also to direct your attention to the circumstance that in the year 1873, when the entries of regular associate students were at their maximum, the notice was inserted in small type at page 5 of the prospectus, whereas in the two following years the altered notice was printed in large type upon yellow paper and inserted opposite to the title-page.

It is possible that the coincidence of the alteration in the character and prominence of the notice with the falling off in the entries of regular students is accidental, but, on the other hand, I think the notice as it now stands strongly discourages regular students from joining the school.

Appendix F.

REPORT BY DR. FRANKLAND.

The conduct and progress of the students who have been engaged in practical work in the laboratories has been, with very few exceptions, thoroughly satisfactory.

The highly interesting investigations of Mr. Norman Lockyer upon spectroscopic analysis have been carried on during the year 1875 in the laboratory of research, and very important comparisons of solar and terrestrial spectra have been photographically recorded.

Research Laboratory.

The special class for higher studies in the research laboratory, which I announced in my last report as just organized at the close of the year 1874, has made considerable progress, notwithstanding the entire lack of encouragement for the higher chemical training in this country. Mr. Ackroyd has investigated the changes of colour which certain chemical compounds undergo when exposed to a gradually increasing temperature, and his results, which are of considerable interest, have been published in the Journal of the Chemical Society, under the title of "metachromism." He is now engaged in an attempt to improve and facilitate the application of the spectroscope to qualitative analysis. Mr. Ackworth has completed and published in the Journal of the Chemical Society the results of his investigation on the action of metals upon nitric acid. His observations have brought to light new and interesting facts in connexion with the graduated reduction of nitric acid. Another student in the research laboratory, Mr. J. W. Thomas, has brought to a close his laborious and important researches on the gases evolved from coal, both in the mine and when stored in the holds of ships and in other places. This inquiry not only involved the analytical examination of a large number of gases in this laboratory, but Mr. Thomas also visited many coal mines for the purpose of personally collecting the gases, and of experimenting upon them as they issued from the seams. These results, which constitute an important addition to our knowledge of the state in which inflammable gases exist in coal, have been published in the Journal of the Chemical Society.

Following out an investigation which he made two years ago in this laboratory on the propagation of flame through the gauze of safety lamps by the sound wave produced in blasting, Mr. Galloway, a Government inspector of coal mines, has recently proved that an otherwise non-explosive atmosphere in a coal mine is rendered dangerously explosive by the presence in it of coal dust, and he has shown that coal mine explosions are most frequent during cold weather, when the air passing through mines is necessarily dry and therefore likely to cause the diffusion of dust. Mr. Galloway has demonstrated that although a mixture of 16 volumes of air with one of fire-damp is non-explosive in the absence of coal dust, a mixture containing as much as 60 volumes of air to one of fire-damp will ignite and produce most disastrous results when coal dust is mingled with the air. From this it follows that the simple expedient of keeping the tramways of coal mines well watered will greatly reduce the number of colliery explosions.

Mr. Hodgkinson has been and is still occupied, in the research laboratory, in the investigation of the black pigment which exists in the feathers of birds, and in the examination of certain compounds allied to prussic acid.

Baron von Pechman has, in conjunction with myself, been occupied in the investigation of the compounds of tin with the organic radicals, and three other students in the research laboratory have been engaged chiefly in the preparation of chemical specimens for the illustration of of lectures, and for the International Loan Exhibition.

Lastly, I have recommenced the investigation of the organic compounds of boron, and am now preparing a paper for the Royal Society descriptive of the results already obtained.

Appendix F.

REPORT BY DR. FRANKLAND.

Lectures.

The usual courses of lectures on mineral and organic chemistry, which I delivered in the chemical theatre (viz., 40 lectures on mineral and 30 on organic chemistry) during the year 1875, were listened to by an attentive and industrious class of students. The number of entries to the courses and the regularity of attendance are attested by the official lists which are in the possession of the registrar.

Examinations.

At the annual examinations held in June, 75 students presented themselves. Of these 38 passed in the first class, 19 in the second, and 8 in the third, whilst 10 failed. The examinations include both theoretical and practical chemistry, and for a pass, even in the third class, the candidate must obtain at least one half of the total number of marks.

In addition to the usual academical instruction in theoretical and practical chemistry, extending over 9 months, I also undertook, during my vacation in July, the delivery of a course of nine lectures on the teaching of inorganic chemistry to a class of 61 science teachers, together with the practical training of the same class in the laboratory for seven hours daily during three weeks.

I have continued to conduct, for the Science and Art Department, the May examinations in organic and inorganic chemistry, and the examination in chemistry of the students of the Royal College of Science, Dublin, and of the Inland Revenue Laboratory, Somerset House.

I have furnished as usual to the Local Government Board monthly analyses of the waters supplied to the metropolis, and have also examined a large number of waters available for the supply of Sandringham House.

In directing the various classes of this department I have continued to receive valuable aid from numerous assistants. Mr. W. Valentin has superintended the ordinary studies in analytical chemistry with his usual zeal, and has been efficiently assisted by the following gentlemen:—

Mr. A. J. Greenaway.
„ E. Kinch.
„ Purdie.
„ Billing.

Mr. T. Evershed has given valuable assistance in the instruction of pupils in gas and water analysis, whilst Mr. A. Cameron has very satisfactorily filled the post of assistant in the laboratory of research.

The experimental illustrations for the courses of lectures have been well prepared by Mr. G. S. Newth, who is appointed by the Lords of the Committee of Council on Education.

I remain, Sir,
Your obedient servant,
E. FRANKLAND.

The Secretary,
Science and Art Department.

## METALLURGICAL LABORATORY.

Metallurgical Laboratory.

The laboratory has been filled to the full extent of the accommodation it affords to students. The following is a return of their attendance for the years 1874 and 1875:—

| | 1874. | 1875. |
|---|---|---|
| Spring term | 12 | 25 |
| Summer „ | 12 | 25 |
| Winter „ | 24 | 26 |
| | 48 | 76 |

# APPENDIX G.



REPORT BY PROF. ARCHER.

## REPORT of the DIRECTOR of the EDINBURGH MUSEUM of SCIENCE and ART for 1875.

SIR,

THE past year has been one of unusual success so far as this Museum is concerned. The new portions which were finished towards the end of 1874 were formally opened on January 14, 1875, by a conversazione given and presided over by the Right Honourable the Lord Provost, and attended by a very large number of the leading citizens of Edinburgh. The director of the South Kensington Museum was also present, and his valuable co-operation conduced greatly to the success of the opening ceremony, the attractions of which were largely due to the liberal loans from the South Kensington Museum, especially the large casts of examples of mediæval architecture, engraved historical portraits, peasant jewellery, &c.

Since then the museum has been more than ever numerously attended. The ample dimensions of the great hall, and the now uncrowded state of the other parts of the building, are evidently much enjoyed by the public; which is proved by the fact that in 1875, the number of visitors was larger by 100,000 than in any previous year. The details of attendance are given in the following tabular statement:— Attendance.

| Year and Month. | Free. | | Pay Days. | Total. | Admission Fees. | | |
|---|---|---|---|---|---|---|---|
| | Days. | Evenings. | | | £ | s. | d. |
| 1875. | | | | | | | |
| January | 33,315 | 42,219 | 1,145 | 76,679 | 28 | 12 | 6 |
| February | 13,575 | 25,092 | 771 | 39,438 | 19 | 5 | 6 |
| March | 13,006 | 21,067 | 895 | 34,968 | 22 | 7 | 6 |
| April | 9,835 | 16,340 | 1,776 | 27,951 | 44 | 8 | 0 |
| May | 11,883 | 14,596 | 1,312 | 27,791 | 32 | 16 | 0 |
| June | 13,385 | 8,521 | 3,280 | 25,186 | 82 | 0 | 0 |
| July | 29,785 | 15,692 | 3,402 | 48,879 | 85 | 1 | 0 |
| August | 20,777 | 16,784 | 3,571 | 41,132 | 89 | 5 | 6 |
| September | 13,583 | 18,855 | 2,181 | 34,619 | 54 | 10 | 6 |
| October | 13,220 | 24,684 | 1,617 | 39,521 | 40 | 8 | 6 |
| November | 12,655 | 15,977 | 846 | 29,378 | 21 | 3 | 0 |
| December | 15,212 | 14,624 | 406 | 30,242 | 10 | 3 | 0 |
| Total | 200,131 | 234,451 | 21,202 | 455,784 | 530 | 1 | 0 |

Average annual attendance for last five years - 345,828.

Average daily attendance in 1875 - - - { pay days 142·3. free days 2,699·2.

There is still a large extent of casing required, both in the newer and the older portion of the building, which will be filled with specimens from the stores as each new piece is furnished and fitted up.

The catalogues of the museum collections are all out of print, but steps are being taken to have new editions issued as soon as circumstances will allow.

Some valuable and interesting donations have been acquired during the year, among which may be specially mentioned a screw press and punches for the manufacture of steel pens, from Sir Josiah Mason, of Donations.

Appendix G.

REPORT BY. PROF. ARCHER.

Birmingham; a small collection of English and Eastern porcelain, from Miss Brown, of Lanfine; a series of modern Egyptian pottery from Miss Rogers, of Southampton Street, London; a number of pieces of Salopian porcelain from Mr. Wood, of Acorn House, Keswick; and a series of coloured drawings by native artists of the inlaid marble work of the Taj-Mahal, near Agra, India, from Miss Campbell, of Heriot Row, Edinburgh.

The larger portion of a complete set of the specifications of patents has been received during the year, and the remainder is being collected and forwarded by the officers of the Patent Office.

The delay in the erection of the remaining unfinished part of the Museum buildings, in which the Science and Art libraries and the Patent library are to be placed, prevents the hope of these important branches being soon at the public service; but the collections have been largely increased, and nearly 2,000 volumes of the patent specifications are placed on shelves.

I am glad to be able to report that I have been most ably seconded by Mr. Galletly and Dr. Traquair in their respective departments, and each of the other officers has worked with diligence and zeal under the exceptional pressure put upon all in placing so large an additional amount of instructive matter before the public in the newer parts of the Museum.

During the year the authorities of several towns in Scotland and England have applied for and obtained information from us relative to the steps for forming museums similar to this, showing that the general benefit is recognised and sought after.

Catalogues.

The following is a statement of the catalogues sold during the year:—

| | |
|---|---|
| Geological Catalogue | 273 |
| British Foraminifera Catalogue | 27 |
| Analytical Index to Minerals | 43 |
| Natural History Guides | 63 |
| Outline Guides | 564 |
| | 970 |

The following is a statement of the routine work performed by the officers of the Industrial Art Department during the past year:—

| | |
|---|---|
| Specimens registered | 2,037 |
| Do. labelled | 4,166 |
| Descriptive label written | 1 |
| Do. do. printed | 2 |
| Do. do. drafted for printing | 2 |
| Ordinary labels written | 2,319 |
| Do. do. printed | 1,342 |
| Do. do. drafted for printing | 1,315 |
| Labels, hand-printed | 60 |
| Do. painted | 7 |
| Inventory lists prepared | 61 |
| Catalogue lists prepared | 64 |
| Specimens prepared | 639 |

## List of Donations to the Edinburgh Museum of Science and Art from 1st January to 31st December 1875.

Screw press with dies and two hand punches used in the manufacture of steel pens. Also, nine specimens illustrating the manufacture of a steel pen.
Presented by Sir Josiah Mason, Birmingham.

Two 8-inch hexagonal surface or levelling plates.
Presented by Sir J. Whitworth and Co., Manchester.

2 keys and 2 coins made of aluminium.
Presented by Mr. George Matthey, Hatton Garden, London.

Piece of a fly-wheel, which fractured spontaneously in several places while lying in a yard.
Presented by Messrs. McOnie, engineers, Glasgow.

Specular iron ore and magnetic iron ore, from Lake Superior, North America.
Presented by Dr. Mackenzie, Edinburgh.

5 specimens of copper ores and 4 specimens of iron ores from Shetland, and 2 specimens of hydrated silica from Iceland.
Presented by Mr. John Walker, 1, Polwarth Terrace, Edinburgh.

Websterite, or "alley stone," a subsulphate of alumina, from Newhaven, Sussex.
Presented by the Museum of Practical Geology, London.

Fire clay tuyère for Bessemer furnace, and specimens of fire bricks made at Glenboig, Coatbridge.
Presented by Mr. James Dunnachie, Glenboig.

16 specimens in terra cotta, including statuettes, vases, flower holders, and other articles.
Presented by the Watcombe Terra Cotta Co., Watcombe, near Torquay.

32 models of stoneware vessels and apparatus used in the manufacture of chemicals, 15 stoneware tiles and bosses with patterns, 1 small column, and 3 balusters in stoneware.
Presented by Messrs. Doulton and Co., Lambeth, London.

54 pieces of modern Egyptian pottery for domestic purposes.
Presented by Miss M. E. Rogers, 7, Southampton Street, Fitzroy Square, London.

Oval tray, with ornamental border. Old Wedgwood ware.
Presented by Mr. Hugh Pattison, 6 Upper Grove Place, Edinburgh.

Jardinière and cover, Spode's ware. Sauce bowl, with stand and cover, and circular dish of old Wedgwood ware. Vase of Salopian porcelain, and tray of Worcester porcelain. 46 pieces of old Chinese porcelain.
Presented by Miss Brown, Lanfine.

14 pieces of Salopian (Caughley) porcelain, chiefly cups and saucers.
Presented by A. B. Wood, Esq., Acorn House, Keswick.

Earthenware plate printed with classical subject; Scotch pottery; date about 1845?
Presented by Mr. W. McCraw, Roseburn, Edinburgh.

Gold ring (broken) with hieroglyphic characters on an enamelled ground. Modern.
Presented by Miss Guthrie Wright, Edinburgh.

3 water-colour drawings of Indian ceremonies; 5 drawings of Indian buildings; and 28 coloured drawings, chiefly of the details of the Taj-Mahal, near Agra, India, collected by the late Lieutenant-Colonel Campbell.
Presented by Miss Campbell, Heriot Row, Edinburgh.

Ornament formed of bead work, crocodiles' teeth, &c., worn by the chief people of Madagascar at ceremonies.
Presented by Miss Fraser, 1, Forres Street.

Helmet made of Shola pith, obtained from the leguminous plant *Æschynomene aspera*. Brought from Calcutta.
Presented by Mr. W. Morison Ross, 11, Upper Grove Place, Edinburgh.

Appendix G. — Report by Prof. Archer.

Hawaiian bed cover of "Tapa" cloth, with specimens of the bark of the paper mulberry tree, *Broussonetia papyrifera*.
Presented by Major-General A. C. Wight, Pitlochry.

Model of Cingalese temple made of Shola pith.
Presented by Mr. E. S. Thomasz, Ceylon, through Sir R. Christison, Bart., Edinburgh.

Leather bag and red colour (oxide of iron), used by the Fuegians for painting themselves.
Presented by Mr. Robert Whyte, jun., Athelstaneford.

Dress of a Nubian girl, formed of strips of leather, ornamented with small white shells and red beads.
Presented by Sir R. Christison, Bart., Edinburgh.

Girl's frock of embroidered silk, and boy's woollen coat trimmed with silver lace. Caucasian.
Presented by Mrs. H. B. Froom, St. Petersburg.

18 specimens of manufactures from New Zealand flax.
Presented by Mr. N. T. Lockhart, Edinburgh.

20 specimens of felted paper fabrics, with printed patterns for curtains.
Presented by Pavy's Patent Felted Co., London.

8 specimens illustrating the Woodburytype process in photography.
Presented by Mr. William McCraw, Roseburn, Edinburgh.

Oleic soap, made with the oil separated from the tallow in the process of stearine making.
Presented by Messrs. J. Mellis and Co., Prestonpans.

Loaf of maple sugar and bottle of maple syrup. Canadian.
Presented by Mr. A. Ferguson, Edinburgh.

16 specimens of flavouring essences, &c.
Presented by Mr. John Mackay, Edinburgh.

Specimens added to the Industrial Section of the Edinburgh Museum of Science and Art, by purchase, from the 1st January to the 31st December 1875.

*Metal Work including Arms.*

| | £ | s. | d. |
|---|---|---|---|
| Curved sword or tulwar, blade inlaid with gold. Indian | 10 | 0 | 0 |
| Curved sword or tulwar, handle and blade richly inlaid with gold. Indian | 13 | 0 | 0 |
| Curved sword or tulwar, blade damascened and notched, and handle inlaid with gold. Indian | 6 | 15 | 0 |
| Knife with damascened blade; handle, part of blade, and mounts of sheath inlaid with gold. Indian | 15 | 10 | 0 |
| Knife with damascened blade; the handle and sheath with niello work. Indian | 5 | 10 | 0 |
| Knife with straight damascened blade, partially chased; carved ivory handle. Indian | 6 | 0 | 0 |
| Target formed of antelope's horns; the steel mounts inlaid with gold. Indian | 7 | 0 | 0 |
| Knife with curved blade, chased and damascened. Indian | 6 | 0 | 0 |
| 3 curved daggers with damascened blades. Indian | 7 | 8 | 0 |
| 3 Goorkha knives and sheaths. Indian | 1 | 18 | 0 |
| 6 Malay krisses, blades damascened in various patterns | 2 | 15 | 0 |
| 2 kutars with damascened blades. Indian | 5 | 0 | 0 |
| 1 triple and 1 double pointed spear head, inlaid with gold. Persian | 5 | 0 | 0 |
| 2 knives with straight damascened blades. Indian | 6 | 7 | 6 |
| 2 sword-knives, one of them inlaid with gold. Indian | 4 | 10 | 0 |
| 1 straight and 1 curved knife, with damascened blades. Indian | 7 | 4 | 0 |
| 9 small knives with bone and ivory handles. Indian | 3 | 3 | 0 |
| Silver mace with spiral fluting. Indian | 13 | 0 | 0 |
| 2 bows and 2 quivers filled with lacquered arrows, and a separate bundle of arrows of various patterns. Indian | 3 | 15 | 0 |

| | £ | s. | d. |
|---|---|---|---|
| Set of 4 steel body plates and pair of vambraces, inlaid with scroll work in gold. Indian | 17 | 6 | 6 |
| 2 sets of 4 steel body plates inlaid with gold. Indian | 15 | 15 | 6 |
| Shirt, breeches, and hood, of chain mail, different patterns. Indian | 14 | 0 | 0 |
| Helmet inlaid with gold, with neckpiece of chain mail. Indian | 6 | 6 | 0 |
| Helmet with scroll work in repoussé, gold inlaying, and neck-piece of chain mail. Indian | 19 | 19 | 0 |
| 10 bronze buttons with figures in bas-relief. Japanese | 2 | 0 | 0 |
| Gold ornaments as follows: imitation of a nummulite, model of a lower jaw, imitation of the back of a beetle, ear-ring, fetish case, perforated lozenge, and 62 small objects. From Ashantee | 100 | 10 | 0 |
| Gold repeating watch; face with blue enamelled ground and chased figures. Old French | 10 | 5 | 0 |
| Silver-gilt watch; face with raised ornament. Old French | 2 | 0 | 0 |
| Native gold in quartz. Ballarat | 8 | 8 | 0 |

*Pottery and Porcelain.*

| | | | |
|---|---|---|---|
| Earthenware jug with rustic figures; Enoch wood ware | 4 | 0 | 0 |
| 2 plates, Nantgarw porcelain, with painted fruit and flowers in medallions and gilt | 15 | 0 | 0 |
| Group; "the Barber" old Derby porcelain | 10 | 0 | 0 |
| Vase with blue ground and raised figures, Spode's ware | 5 | 0 | 0 |
| Earthenware plate; genre subject; painted by Lessore | 26 | 5 | 0 |
| 7 plaques of enamelled earthenware, with illustrations of Shakespeare's Seven Ages after H. S. Marks. Minton | 80 | 17 | 0 |
| Tazza and cover; reproduction of Henri Deux ware. Minton | 24 | 0 | 0 |
| 4 pieces of enamelled earthenware. Minton | 1 | 3 | 0 |
| 2 coloured porcelain statuettes, Diana and Flora. Worcester Co. | 3 | 8 | 4 |
| 2 Parian statuettes, Bacchus and Ariadne. Worcester Co. | 3 | 14 | 8 |
| Jug, scent bottle, and cup and saucer of perforated "ivory" porcelain. Worcester Co. | 5 | 12 | 0 |
| 11 pieces of painted porcelain. Worcester Co. | 8 | 14 | 9 |
| 3 statuettes; old Chelsea porcelain | 52 | 10 | 0 |
| Statuette; Dr. Syntax; Crown Derby porcelain | 15 | 15 | 0 |
| 2 cups, saucer, and plate; Swansea porcelain | 5 | 0 | 0 |
| Verrière; painted Russian (St. Petersburg) porcelain | 7 | 7 | 0 |
| Jug and cup and saucer; early Vienna porcelain | 4 | 8 | 0 |
| 4 statuettes; the Seasons; Crown Derby porcelain | 21 | 0 | 0 |
| Cup and saucer; old Worcester porcelain | 4 | 4 | 0 |
| Teapot and cup and saucer; Bristol porcelain | 13 | 13 | 0 |
| Earthenware plate; old Delft ware | 0 | 10 | 0 |
| Bust of Washington in black Wedgwood ware | 10 | 0 | 0 |
| Cream jug, sugar bowl, and plate; old Sèvres porcelain, painted and gilt | 34 | 10 | 0 |
| Group; the musicians; Chelsea Derby porcelain | 15 | 0 | 0 |
| 14 pieces, chiefly vases, of ancient Greek pottery found in the island of Cyprus | 41 | 5 | 0 |
| 2 earthenware plates with printed classical subjects | 0 | 10 | 0 |

*Stone, Wood, and other Carvings.*

| | | | |
|---|---|---|---|
| Circular slab of green jade, carved on both sides with landscapes. Chinese | 15 | 0 | 0 |
| Boulder of white jade carved with landscapes. Chinese | 10 | 0 | 0 |
| Ewer of white jade with carved ornament and chain. Chinese | 10 | 10 | 0 |
| Dagger handle of pale green jade, inlaid with gold, rubies, and emeralds. Indian | 12 | 10 | 0 |
| Dagger handle of white jade inlaid with gold and rubies. Indian | 3 | 0 | 0 |
| 2 saucers of white jade. Chinese | 5 | 0 | 0 |
| Heart-shaped ornament of white jade; border inlaid with gold, rubies, and emeralds. Indian | 8 | 0 | 0 |

Appendix G.

Report by Prof. Archer.

| | £ | s. | d. |
|---|---|---|---|
| Heart-shaped mirror in carved green jade frame. Indian | 3 | 15 | 0 |
| Octagonal plaque of white jade. Indian | 4 | 0 | |
| Chowry handle of pale green jade, inlaid with spiral lines in gold, and set with rubies, &c. Indian | 10 | 0 | 0 |
| Sceptre of wood with inlaid jade and metal ornaments. Chinese | 13 | 10 | 0 |
| Figure of a cat in white jade | 2 | 10 | 0 |
| Small vase in red and white chalcedony | 3 | 10 | 0 |
| Pair of Jadeite basins. Chinese | 9 | 9 | 0 |
| 5 thumb and 1 finger ring of jade. Indian | 6 | 0 | 0 |
| Dagger handle of rock crystal. Indian | 3 | 10 | 0 |
| Fluted cup, cover, and stand of rock crystal. Indian | 13 | 0 | 0 |
| Heart-shaped box and cover of rock crystal. Indian | 16 | 0 | 0 |
| Circular box and cover of rock crystal. Indian | 4 | 0 | 0 |
| Cup of rock crystal. Indian | 6 | 0 | 0 |
| 7 snuff bottles in agate and rock crystal. Chinese | 5 | 10 | 0 |
| Carved carbuncle cup and cover. Indian | 10 | 0 | 0 |
| Oblong box and cover of Eklogite | 8 | 0 | 0 |
| 9 small carved objects in marble, jade, lepidolite, amber, blood-stone, &c. | 1 | 17 | 6 |
| 19 pieces of cut rock crystal, chiefly rose-cut | 0 | 9 | 6 |
| Slab of green and small piece of red aventurine | 2 | 7 | 6 |
| Oval agate bowl | 7 | 17 | 6 |
| 12 oblong plaques of carved amber, representing the twelve apostles | 13 | 13 | 0 |
| 2 carvings in bamboo; groups of female figures. Chinese | 0 | 10 | 0 |

*Miscellaneous.*

| | | | |
|---|---|---|---|
| 2 vases Cloisonné enamel. Japanese | 8 | 10 | 0 |
| Turkish dress richly embroidered in silk and gold | 20 | 0 | 0 |
| Box and crutch inlaid with patterns in ivory, wood, and gold. Goa work | 0 | 8 | 0 |
| Snuff box of tortoiseshell, inlaid with silver and mother of pearl. Subject, Actæon and Diana | 1 | 5 | 0 |
| Camera lucida and 2 sundials | 1 | 11 | 0 |
| 209 casts of engraved gems in the Tassie collection, National Gallery, Edinburgh | 5 | 4 | 6 |

Loans received by the Edinburgh Museum of Science and Art during 1875.

Her Majesty the Queen:
- The State umbrella from Coomassie.

The Science and Art Department:
- 463 engraved national portraits.
- 2 plaster casts, bronze door, Augsburg cathedral, and portion of choir screen, church of St. Michael, Hildesheim.
- 2 cartoons, "Albert Dürer," and "Blondel," designs for mosaic pictures.
- 1 iron screen from Hampton Court.
- 102 specimens of Italian and Spanish peasant jewellery.
- 12 pieces old English earthenware.
- 6 „ old Spanish glass.
- 6 „ Persian earthenware.

Messrs. John J. Griffin and Sons, London:
- A collection of apparatus employed in teaching physical science.

The authorities of the India Museum, London:
- The State dress of the Guicowar of Baroda.

Mrs. Townsend, 22, South Clerk Street, Edinburgh:
- 1 carved ivory fan.

Francis Temple, Esq., 20, Hope Terrace, Edinburgh:
- 164 Chinese and Japanese specimens; porcelain vases, bronzes, wood and ivory carvings, &c.

T. Hyde Hills, Esq., 338, Oxford Street, London:
- 1 water-colour drawing by Edwin Landseer, 1810.

Messrs. Elkington & Co., Birmingham :
The Helicon vase.
5 modern English Cloisonné enamels.
1 tazza plateau in repoussé iron.

THOMAS C. ARCHER,
Director.

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## REPORT of the KEEPER of the NATURAL HISTORY COLLECTIONS for the year 1875.

DURING the past year uninterrupted progress has been made in the re-arrangement of the Natural History collections and the utilisation of the additional space provided by the recent enlargement of the museum building.

Arrangement of objects.

The general collection of birds has been entirely re-arranged, and extended from the wall cases of the first gallery of the great Natural History Hall round those of the corresponding gallery of Hall No. 2 adjoining. A great many additional skins have been stuffed and incorporated with the exhibited collection, while the new space acquired has also been most valuable in relieving the previous most inconveniently overcrowded state of the cases. The collection of recent shells has been re-arranged according to the latest authorities, and has been transferred to the desk cases of the first gallery of Hall No. 2. This collection has also been very much enlarged, the additional specimens having been principally added from the stores of the Museum.

The collection of British vertebrata has been removed from its former place along the south wall of Hall No. 1, and temporarily located in the wall cases of the ground floor of Hall No. 2, prior to its permanent arrangement in Hall No. 3. The space thus gained in Hall No. 1 has been utilised in the re-arrangement of the stuffed mammalia, now also nearly brought to a conclusion. This re-arrangement can, however, only be regarded as temporary, seeing that it is proposed, as in the case of the birds upstairs, to extend the mammalian collection into the adjoining hall as soon as suitable case accommodation can be procured.

Professor Archer having kindly undertaken the re-arrangement of the minerals, these have been transferred to new and suitable desk cases on the top gallery of Hall No. 2. In their new position the minerals are much more favourably displayed as regards light, while the increased space afforded by the new cases has enabled Professor Archer to add a very large number of specimens to those previously exhibited. The table cases in the former mineral room, and now set free, will be forthwith utilised for the collection of fossil invertebrata.

Additions to collection.

The additions to the Natural History collections during the past year have been very varied, and many of them of great importance. Commencing with specimens added by purchase, the collection of mammalia has been enriched by three splendid specimens of the Pronghorn, or American antelope, by a specimen of the rare and recently described *Hydropotes inermis* from China, and by a skeleton of the Potto, from West Africa. A few desirable birds, reptiles, and fishes have also been purchased, while the invertebrate collection has received important additions in a small collection of carefully selected shells, and a beautiful series of echinodermata and crustacea from the Mauritius in excellent condition. But the most important additions by purchase have been made in the Palæontological Department. The museum has acquired the unique collection of fossil footprints from the Triassic sandstones of Dumfriesshire, made by the late Sir William Jardine, Bart., which collection is especially important and valuable as containing all the type specimens figured by that eminent naturalist in his well-known work, the "Ichnology of Annandale." From Mr. C. W. Peach, the well-known naturalist and collector, there has been purchased a large

Appendix G.

REPORT BY PROF. ARCHER.

collection of fossils, principally from the palæozoic rocks of Scotland, and embracing a large number of specimens of great rarity and importance.

Donations.

Among the donations to the museum may be mentioned a large collection of fossils, principally corals, from the Devonian rocks of the province of Ontario, Canada, collected by Professor H. Alleyne Nicholson, and presented by the Geological Society of Edinburgh. Dr. James Wilson has presented three valuable slabs from the Potsdam sandstone of Canada, one of which displays the supposed Crustacean track *Protichnites*, while on the other two are seen splendid examples of the still more remarkable and problematical *Climactichnites Wilsoni*. Messrs. Galletly and Lumsden have presented a collection of fossil plants from the shale strata of West Calder, and a large stalagmitic column from Bermuda, measuring 11 feet 2 inches in height by 2½ feet in diameter, has been transferred to the museum by the Senate of the University of Edinburgh. To Captain Fairfax, of H.M.S. "Volage," the museum is indebted for a collection of skins of aquatic birds from the Antarctic seas; and to Mr. Charles McLeod for a number of birds' eggs from North Uist.

By special permission of the Department of Science and Art, a duplicate skeleton of Sibbald's Rorqual (*Balaenoptera Sibbaldii*), formerly lying in the cellars of the museum, has been transferred to the authorities of the University.

The amount of routine work done in the Natural History Department during the past year is shown by the subjoined extracts from the monthly progress reports.

| | |
|---|---|
| Specimens registered | 672 |
| Do. labelled | 1,697 |
| Ordinary labels written | 524 |
| Do. do. printed | 1,090 |
| Do. do. drafted | 1,059 |
| Specimens prepared | 108 |
| Do. arranged | 3,171 |

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NATURAL HISTORY DEPARTMENT.

DONATIONS during the year 1875.

Collection of Devonian Fossils (346 specimens), illustrating the palæontology of the province of Ontario, Canada.
Collected by Professor H. A. Nicholson, and presented by the Geological Society of Edinburgh.

2 specimens of Columnar Sandstone from Kilchattan, Bute.
Presented by Mr. D. Corse Glen, Glasgow.

A wood-boring Beetle (*Hammaticherus heros*, Fabr.), with piece of oak in which it was found enclosed.
Presented by Mr. D. Nicolson, Edinburgh.

Eggs of the Red Phalarope and of the Lesser Black-backed Gull (4 specimens), from North Uist.
Presented by Mr. Charles McLeod, Edinburgh.

Head of a large Pike caught in Loch Lindores, Fifeshire.
Presented by Mr. Stephen Wellstood, Edinburgh.

Collection of rare Minerals from Alcaparewsa, Chili (13 specimens).
Presented by Mr. J. F. Kerr, Edinburgh.

2 Australian Finches (in flesh).
Presented by Mrs. A. Fraser, Edinburgh.

Large specimen of *Fusus proboscidiferus*.
Presented by Mr. G. B. Sowerby, London.

Collection of Coal Fossils from West Calder (11 specimens).
Presented by Messrs. Galletly and Lumsden, West Calder.

Slice of Tiger's-eye Corundum, showing cross cleavage.
Presented by Messrs. Sanderson and Son, Edinburgh.

A Wasp's Nest in glass case.
Presented by Mrs. Lowe, Murrayfield, Edinburgh.
Pied Water-Rat from the River Tyne.
Presented by Mr. Addison, National Bank, Edinburgh.
Collection of Bird Skins from the Antarctic regions (23 specimens).
Presented by Captain Fairfax, R.N., of H.M.S. "Volage."
3 Slabs showing animal tracks.
Presented by Dr. James Wilson, Edinburgh.
6 small Slabs showing footprints, &c.
Presented by Sir Alex. Jardine, Jardine Hall.
9 specimens of Birds' Eggs from North Uist.
Presented by Mr. C. McLeod, Edinburgh.
Bone of fossil Mammal from the coast of Suffolk.
Presented by Rev. Francis Duke, Leith.
Large Stalagmitic Column.
Presented by the Senatus of the University of Edinburgh.
The Twaite Shad (*Alosa finta*).
Presented by Messrs. J. Anderson and Sons, Edinburgh.
Scales and other Fossil Fish remains.
Presented by Professor Heddle, St. Andrews.

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PURCHASES during the year 1875.

| | £ | s. | d. |
|---|---|---|---|
| The Pronghorn, *Antilocapra americana*, 2 male specimens | 19 | 0 | 0 |
| *Hydropotes inermis*, from China | 6 | 0 | 0 |
| The River Jack, *Clotho rhinoceros* (skeleton) | 2 | 10 | 0 |
| *Cyclodus gigas* (skeleton) | 1 | 10 | 0 |
| *Notopterus afer* (stuffed) | 1 | 15 | 0 |
| Bull Frog, *Ceratophrys ornata* | 1 | 10 | 0 |
| *Macrodon trahira* (skeleton) | 0 | 15 | 0 |
| The Sea Lamprey, *Petromyzon marinus* | 0 | 1 | 6 |
| Collection of Minerals (17 specimens) | 12 | 15 | 0 |
| Collection of Shells (42 specimens) | 12 | 2 | 0 |
| Collection of Corals, Echinoderms, Crustaceans, &c. (120 specimens) | 28 | 11 | 9 |
| Collection of Fossil Fishes from the Lower Permian of Saarbruck, &c. (51 specimens) | 16 | 19 | 0 |
| Specimen of Tiger's-eye Sapphire or Corundum | 5 | 0 | 0 |
| 14 Devonian and Liassic Fossils | 4 | 0 | 0 |
| *Lepidosteus, Amia*, and *Polyodon* | 2 | 15 | 0 |
| *Uromastix spinipes* (skeleton) | 2 | 0 | 0 |
| Chameleon (skeleton) | 1 | 15 | 0 |
| The Potto, *Perodicticus potto* (skeleton) | 2 | 10 | 0 |
| The Pronghorn (female) | 7 | 0 | 0 |
| Sturgeon (*Accipenser maculatus*) N. America | 0 | 15 | 0 |
| 2 Tinamous | 2 | 10 | 0 |
| 8 Skins of Foreign Birds | 5 | 19 | 0 |
| 2 specimens of *Ichthyosaurus* | 22 | 0 | 0 |
| Collection of Minerals (14 specimens) | 11 | 10 | 0 |
| The Jardine Collection of Fossil Footprints from Corncockle Quarry, Dumfriesshire (120 specimens) | 150 | 0 | 0 |
| Collection of Fossils from the Lower Silurian, Old Red Sandstone, Carboniferous and Oolitic formations (229 specimens) | 50 | 0 | 0 |

RAMSAY H. TRAQUAIR,
Keeper.

THOS. C. ARCHER,
Director.

To the Secretary of the
Science and Art Department.

Appendix H.

Report by Prof. T. Pigot.

# APPENDIX H.

## 1. Report of the Council of the Royal College of Science for Ireland for the year 1875.

Royal College of Science for Ireland,
Stephen's Green, Dublin,
14th January 1876.

Sir,

I beg leave to submit to my Lords the following report of the Council of the Royal College of Science for Ireland on the educational portion of the business of the College during the year 1875.

Instruction has been given in all the subjects of the College course in accordance with the programme annexed to the last report.

At the examinations held at the end of the session 1874–75, class promotions were made and prizes given as heretofore by the Council, details and statistics of which will be found in the Secretary's report.

I beg to submit copies of the examination papers, as well as the programme of the educational arrangements for the current year.

Library. The library has been much enlarged during the last few years, containing now upwards of 6,000 volumes. Of these about 2,000 have been added since the catalogue was printed, rendering a new edition desirable, so as to avoid the inconvenience of consulting a large supplement.

Museum. Various new apparatus have been added to the College Museum, amongst others a very complete set of models of machinery obtained from Darmstadt. Also many botanical and zoological models have been added to the collections. The physical collection has also been largely increased.

In the chemical laboratory several important sanitary investigations have been conducted. The necessary arrangements for the physical laboratory are now complete, and it will be open to students during the remainder of the current session.

During the past year a considerable number of associates of this College have obtained important professional appointments, of which I may instance the following:—Mr. J. B. Skiffington, Inspector of National Schools; Messrs. J. Munro, E. H. Cook, and J. M. Munro, lecturers in Bristol Mining School; Messrs. D. Coyle and R. H. Reilly, in Northampton Trade School; Mr. R. Frazer appointed to the Indian Civil Service, besides others, such as on the geological survey of Ireland, consulting chemists to manufacturers, &c.

One of our students, Mr. Muckley, has obtained a Whitworth scholarship.

The above examples will enable my Lords to judge of the value and practical nature of the education given in this College.

Signed on behalf of the Council,

Thomas Pigot,
Dean of Faculty.

The Secretary,
Science and Art Department,
South Kensington.

## 2. Report of the Secretary of the Royal College of Science, Stephen's Green, Dublin, for the year 1875.

Appendix H.

Report by Dr. Sidney.

### Session 1874–75.

During the session ending in June 1875, the following courses of lectures were given:—

| | | | Students. | |
|---|---|---|---|---|
| 49 | Lectures | in Pure Mathematics, by Prof. Hennessy, attended by (1st year's class.) | 12 | Lectures. |
| 62 | „ | Do. (2nd year's class) „ „ | 9 | |
| 63 | „ | Applied Mathematics (1st year's class.) „ „ | 12 | |
| 77 | „ | Do. (2nd year's class) „ „ | 10 | |
| 41 | „ | Mechanism and Heat (3rd year.) „ „ | 12 | |
| 60 | „ | Do. Practical Mechanics (3rd year.) „ „ | 5 | |
| 159 | „ | Descriptive Geometry and Drawing (1st year) } Prof. Pigot „ | 12 | |
| 87 | „ | Mechanical Drawing (2nd year.) „ „ | 9 | |
| 130 | „ | Building Construction and Engineering (3rd year). „ „ | 5 | |
| 40 | „ | Surveying (3rd year) „ „ | 9 | |
| 90 | „ | Experimental Physics, Prof. Barrett „ | 21 | |
| 55 | „ | Botany - - „ McNab „ | 10 | |
| 57 | „ | Zoology - - „ Leith Adams „ | 12 | |
| 80 | „ | Chemistry (theoretical) „ Galloway „ | 13 | |
| 150 | „ | Chemistry (practical) (2nd year.) „ „ „ | 28 | |
| 22 | „ | Applied Chemistry „ „ „ | 5 | |
| 28 | „ | Metallurgy - „ „ „ | 7 | |
| 150 | „ | Practical Chemistry. Faculty of Manufactures. } „ „ „ | 4 | |
| 150 | „ | Do. Faculty of Mining „ „ „ | 7 | |
| 50 | „ | Geology - - „ Hull „ | 15 | |
| 23 | „ | Demonstrations in Palæontology. Mr. Baily „ | 12 | |
| 47 | „ | Mineralogy - Prof. O'Reilly „ | 8 | |
| 40 | „ | Mining - „ „ „ | 7 | |
| 45 | „ | Agriculture - „ Davy „ | 1 | |

The total number of individuals who attended these lectures was 61, of whom 26 were Associate students, prosecuting the full three years' course, with a view of obtaining the diploma of Associate; the corresponding numbers last year were 60 and 26 respectively.

The number of candidates attending the Sessional Examinations in June 1875, was as follows:—

| | Number Attending. | | | Number of students. |
|---|---|---|---|---|
| Pure Mathematics (1st year) - | 6 | 2nd Prize | Daltry, Thomas L. | |
| Ditto (2nd year) - - - | 7 | 2nd „ | Arnall, Thomas. | |
| Applied Mathematics (1st year) - | 8 | 1st „ | Muckley, James. | |
| | | | Daltry, Thomas L. | |
| | | 2nd „ | Bayley, Thomas. | |
| Ditto (2nd year) - - - | 7 | 2nd „ | Arnall, Thomas. | |

Appendix H.

REPORT OF ROYAL COLLEGE OF SCIENCE FOR IRELAND.

| | Number Attending. | | | |
|---|---|---|---|---|
| Ditto (3rd year) - - Mechanism and Heat - | 10 | 1st | „ | Coyle, Denis. |
| | | 2nd | „ | Munro, J. M. |
| Ditto (3rd year) - - Practical Mechanics - | 4 | 1st | „ | Joyce, Arthur. |
| Descriptive Geometry and Drawing (1st year) | 7 | 1st | „ | Daltry, Thomas L. |
| | | 2nd | „ | Bayley, Thomas. |
| Ditto (2nd year) - - - | 8 | 1st | „ | Arnall, Thomas. |
| | | 2nd | „ | Rankin, Edward. |
| Ditto (3rd year) - - Building Construction and Engineering. | 4 | 2nd | „ | Reilly, Robert H.<br>Joyce, Arthur. |
| Ditto (3rd year) - - Surveying - - - | 8 | 1st | „ | Munro, John M. |
| | | 2nd | „ | Hicks, John O. |
| Electricity and Magnetism - - | 10 | 1st | „ | Clark, Joseph. |
| | | 2nd | „ | Bayley, Thomas. |
| Heat, Light, and Sound - - | 10 | 1st | „ | Daltry, Thomas L. |
| | | 2nd | „ | Clark, Joseph. |
| Chemistry (theoretical) - - | 7 | 1st | „ | Gleeson, Edward. |
| | | 2nd | „ | Montfort, Richard. |
| Chemistry (practical) - - - | 10 | 2nd | „ | Montfort, Richard.<br>Rankin, Edward. |
| Botany - - - - - | 7 | 1st | „ | Stewart, John H. |
| | | 2nd | „ | McAlpine, A. |
| Geology and Palæontology - - | 9 | 1st | „ | Fream, William. |
| | | 2nd | „ | Munro, John M. |
| Zoology - - - - - | 8 | 1st | „ | Montfort, Richard. |
| | | 2nd | „ | Gleeson, Edward. |
| Mineralogy - - - - | 4 | 1st | „ | Munro, John M.<br>Coyle, Denis. |
| Mining - - - - - | 4 | 1st | „ | Coyle, Denis. |
| Applied Chemistry - - - | 2 | 2nd | „ | Cook, Ernest H. |
| Metallurgy - - - - | 5 | 1st | „ | Munro, John M. |
| Practical Chemistry: | | | | |
| Faculty of Manufactures - - | 4 | 1st | „ | Cook, Ernest H.<br>Barratt, Samuel. |
| Faculty of Mining - - - | 6 | 1st | „ | Fream, William. |
| Drawings executed during Session (1st year) - - | 7 | 1st | „ | Mitchell, F. J. |
| | | 2nd | „ | Muckley, James. |
| Do. (2nd year) - - - - | 8 | 1st | „ | Arnall, Thomas. |
| | | 2nd | „ | Montfort, Richard. |
| Do. (3rd year) - - - - - | 4 | 1st | „ | Reilly, Robert H. |

Scholarships.

The Royal scholarships were awarded to C. W. Reilly and George Claridge.

The silver medal for best answering on the whole of the two years' course was awarded to Thomas Arnall.

The diploma of Associate was awarded to,—

Fream, William
Munro, John M.
Coyle, Denis
Hicks, John O. } in the Faculty of Mining.

Reilly, Robert H.
Joyce, Arthur
Spunner, H. F. } „ Engineering.

Cook, Ernest H.
Barratt, Saml. } „ Manufactures.

In the month of May the Annual Science examinations of the Department were held in the College. There were 228 entries in 21 subjects, the number of individuals being 69. Appendix H. — Report by Dr. Sidney.

Mr. James Muckley, a student in this College, was successful in obtaining a Whitworth Scholarship.

Short courses of evening lectures, at a small admission fee, and intended chiefly for the working classes, were voluntarily given by some of the Professors, viz., Evening lectures.

1. Professor Barrett, 6 lectures on Magnetism and Electricity, attended by an average of 246 persons.
2. Professor Davy, 6 lectures on the Physical and Chemical properties of Water, attended by an average of 119 persons.

## Session 1875–76.

The number of students registered up to 31st December 1875 for the present session, is as follows:—

### First Year's Classes.

| | |
|---|---|
| Pure Mathematics | 14 |
| Applied ditto | 13 |
| Descriptive Geometry and Drawing | 12 |
| Experimental Physics | 22 |
| Botany | 11 |

### Second Year's Classes.

| | |
|---|---|
| Pure Mathematics | 5 |
| Applied ditto | 5 |
| Mechanical Drawing | 8 |
| Chemistry (theoretical) | 8 |
| Chemistry (practical) | 11 |
| Physics (practical) | 7 |
| Zoology | 5 |

### Third Year's Classes.

| | |
|---|---|
| Applied Mathematics | 6 |
| Engineering and Drawing | 4 |
| Surveying | 5 |
| Chemistry (practical) | 6 |
| Chemistry (applied) | 3 |
| Agriculture | 1 |
| Geology | 5 |
| Mineralogy | 1 |
| Mining | 1 |

The total number of individuals is 50, of whom 22 are associate students. At the corresponding period last year, the total number of registered students was 48, of whom 25 were associate students.

The opening meeting of the Civil Service Literary Society for the present session was held in the theatre under the presidency of the Chief Secretary for Ireland, and was attended by 550 persons.

The number of visitors to the Museum was 3,151.

Appendix H.

REPORT OF ROYAL COLLEGE OF SCIENCE FOR IRELAND.

The number of volumes added to the library was 245, besides periodicals.

The following donations were made to the library and museum of the College during the year :—

Series of maps and sections of the geological survey of the United Kingdom.
Presented by order of the Treasury.

Proceedings of the Institution of Civil Engineers, Great George Street, Westminster. Vols. 41 and 42.
Presented by the Institution.

Osteology of the Fossil Maltese Elephant.
Presented by Professor Adams.

Experiments on the transpiration of leaves.
Presented by Professor McNab.

On Welwetschia.
Presented by Professor McNab.

Discourse on the study of science.
Presented by Professor Hennessy.

Willis's system of apparatus, 4to.
Presented by Professor Barrett.

Proceedings of the Royal Society of London. 7 Vols.
Presented by Dr. Sidney.

Specimen of auriferous quartz, Cape Coast.
Presented by Professor O'Reilly.

Physical laboratory.

The department having decided on establishing a physical laboratory in which practical instruction in experimental physics might be given to the students, arrangements of a temporary character have been made. A portion of the northern gallery has been fitted up for this purpose, the arrangements and appliances being as yet far from complete. They were however sufficiently advanced to enable the laboratory to be opened to the associate students in the month of November. It will be open to occasional students from the 1st February.

The Department having sanctioned the appointment of an assistant to the Professor of Physics, Mr. A. E. Porte has been appointed to the post for the present.

Nothing else has occurred to call for notice on my part.

FREDK. J. SIDNEY, LL.D.,
Secretary.

13th January 1876.

The Secretary,
Science and Art Department,
South Kensington, London, W.

# APPENDIX I.

Appendix I.

REPORT OF ROYAL DUBLIN SOCIETY.

## ANNUAL REPORT of the ROYAL DUBLIN SOCIETY for the Year 1875.

Constitution of Society.

DURING the year 1875 the Society was increased by the admission of 62 members, and on the 31st December was constituted as follows :—

| | |
|---|---|
| Corporate Members, Life - - - | 857 |
| „ „ Annual - - | 483 |
| Total - | 1,340 |
| Honorary Members - - - | 51 |
| Corresponding Members - - - | 23 |
| Agricultural Associates - - - | 20 |

### EXAMINATION FOR CERTIFICATES OF MERIT.

Examinations.

The nineteenth examination for general and commercial certificates of merit and prizes was held on the evening of Monday, May 17th, and five following days.

Fifty-eight persons applied to be examined, of whom 49 presented themselves for examination; 25 obtained general certificates, and two commercial certificates.

Prizes were awarded, to the higher answerers, and a special one, viz.: —"*Green's Short History of the English People*," was presented to Mr. James Hughes, in recognition of the accuracy of his answering, by Mr. R. Denny Urbin, the Examiner in English History.

### EVENING SCIENTIFIC MEETINGS AND DISCUSSIONS.

Meetings.

Seven meetings for the discussion of papers on subjects connected with applied Science and Art, and for the delivery of discourses, were held during the past year, at which 764 persons were present, being an average of 109 at each meeting.

The more important papers are in course of publication in the Society's Journal.

### LECTURES.

Lectures.

In the month of January, upon the invitation of the Governesses' Association, Professor Payne of London delivered six lectures on the Science and Art of Education, the attendance at which numbered 445, being an average of 76 at each lecture.

### NATURAL HISTORY MUSEUM.

Natural History Museum.

*Mammalia.*—In this class some important additions have been made. A fine specimen of a gorilla has been obtained after considerable delay; and one of a chimpanzee has also been added. A pronged-horned antelope (*Antilocapra Americana*), a Malayan tapir (*Rhinocherus Sumatranus*) have also been added to the collection. A specimen of the Aye-aye (*Cheiromys Madagascarensis*) has been purchased, which will



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Appendix I.

Report of Royal Dublin Society.

furnish both a stuffed specimen and a skeleton for the collection. The affinities of this extraordinary animal have so long been a source of perplexity to naturalists, that it is desirable for students to have a specimen to compare with the other Lemurine forms which are so well represented in the museum.

*Birds.*—In this division a specimen of that very rare bird the white-winged black tern (*Hydrochelidon leucoptera*), which was killed on a lake in the county of Waterford by Mr. Ussher, J. P. and presented by him, has been added to the collection of native birds. An extremely rare bird, the pied flycatcher (*Muscicapa atracapilla*), never before discovered in Ireland, was killed in County Mayo and presented by Mr. Robert Warren.

Another rare bird the Avocet (*Recurvirostra Avocetta*), shot by Captain Dover in the estuary of the river Moy, has been presented by him.

*Reptiles.*—A considerable number of specimens of snakes and other reptiles which had accumulated for some time past, have been identified and named, and are in process of being mounted and placed in the collection.

*Insects.*—A splendid series of foreign Sphyngidæ, collected by Mr. R. B. Sharpe, has been purchased. The collection comprises more than half the number of species known, and includes several specimens of extreme rarity.

*Mollusca, &c.*—Portions of a gigantic cuttle fish, captured off Boffin Island, Connemara, have been secured. The animal was observed floating, and on attempting to capture it the fishermen were obliged to cut off its arms, one by one, so that the head and portions of the shorter arms, which measured 17 feet in length, and the greater part of the long tentacular arms, which measured 30 feet, were all that could be secured. The horny beak, the size of which fully corroborates the account given of the magnitude of the animal, is now exhibited.

A series of most beautiful and useful models in glass of *Nudibranchiate Mollusca, Holothuridæ*, &c., whose forms cannot be satisfactorily preserved, has been obtained. The colours and shape of the recent animals are so well represented in the models that for teaching purposes they are excellent substitutes for the animals themselves.

Dr. E. L. Moss, R.N., attached to the present Arctic Expedition, has presented three specimens of the recently discovered gigantic Sea Pen (*Osteocella septentrionalis*), collected by him during his residence in Vancouvers Island.

*Fossils.*—Some valuable specimens of fossil reptiles from the Kilkenny Coal Measures have been presented by Mr. J. T. Butler, R.M., of Castlecomer, and Mr. Joseph Dobbs.

*Minerals.*—Steps have been taken to carry out a more complete labelling of the specimens, a task rendered tedious by the limited and unsuitable nature of the space available for the display of the collection. Among the specimens added to the museum, some fine specimens of Celestine may be specially mentioned.

*Ethnology.*—A large and highly interesting collection of figures, modelled and coloured to represent the habits and occupations of the Chinese, has been presented by Mr. Æneas B. Sidford, Imperial Commissioner of the Revenue in China, who on the occasion of presenting them delivered a "Discourse," in which he described the figures and groups so strikingly represented in the collection.

## Botanic Garden.

Glasnevin Botanic Gardens.

The several buildings and conservatories have been maintained in substantial repair as usual by the Board of Public Works.

Exchanges of plants and seeds have been extensively carried out during the year. The professional visits made by the Director to the botanical gardens, nurseries, and other plant establishments in the southern, midland, and northern counties of England, as well as in Scotland, were mainly instrumental in effecting this object. Amongst the donors may be enumerated Dr. Hooker, Botanic Gardens, Kew; Dr. Huggins, *London;* Dr. Todaro, *Palermo*; M. Ortgies, *Zurich*; Professor Decaisne, *Paris*; Messrs. Veitch, *Chelsea*; Rev. T. Ellacombe, *Exeter*; Sir Francis Brady, Bart., *Dalkey;* Captain Henderson, *India;* Professor Lindborg, *Helsingfors;* Mrs. Gray, *British Museum*; &c. &c.

The total number of plants received is 475 species; of seeds, 970 packages. Total number of plants given in exchange, 422 specimens; packages of seeds, 638.

Supplies of plants were sent regularly to the Royal College of Science to illustrate the lectures by the Professor of Botany given at that institution. Plants were also supplied thrice weekly to the School of Art, Royal Dublin Society.

*Visitors and Students.*—A larger number of students have visited the garden for the purpose of study than had been observed in any previous year. Students from the Society's School of Art have availed themselves of the facilities afforded there for drawing from the living plants.

The number of visitors during the year has been as follows:—

| | |
|---|---|
| Sundays - - - - | 126,200 |
| Week days - - - | 50,624 |
| Total - - - | 176,824 |

A considerable decrease in the number of visitors to the garden, amounting to 18,436, has taken place in the past year compared with those of 1874. In the number of Sunday visitors the decrease amounts to so many as 16,510, being about 11·5 per cent., whilst in the number of those who entered the garden on other days the decrease is only 1,926, being at the rate of about 3·6 per cent. Such a decrease is to be attributed chiefly to the excessive rain which prevailed during the summer and late autumn months, and partly to the increased facilities afforded to the people to visit on Sundays other places of public resort and attraction in the vicinity of Dublin.

## Library.

Library.

The library was open during the year 1875 from 10 o'clock a.m. to 10 o'clock p.m. on 275 days, and on four additional evenings. The number of readers on those occasions was as follows:—

| Day Readers. | Evening Readers. | Ladies (day). |
|---|---|---|
| 11,319. | 4,696. | 2,289. |

Being a total of 18,304 readers, giving a daily average of male readers in the daytime 42, in the evening 17; and of ladies a daily average of 8.

The work of indexing and cataloguing is progressing slowly but satisfactorily, and it is expected that this important operation will be soon completed.

The office of librarian was vacated on the 31st March last by the retirement on superannuation pension of Mr. Colles, and the council regret that they are not yet in a position to appoint his successor.

The temporary charge of the library has meanwhile been entrusted to Mr. Wm. Somerset Keogh, who has for some time been engaged in the work of arranging and press marking the books in the library.

Appendix I.

REPORT OF ROYAL DUBLIN SOCIETY.

Agricultural Department.

## AGRICULTURAL DEPARTMENT.

### *Spring Cattle Show.*

This important national exhibition was held on Tuesday 30th March and three following days.

The following table exhibits the principal features of the show:—

| Description. | Entries. | Money Prizes. | Medals. |
|---|---|---|---|
| | | £ s. d. | |
| Bulls | 189 | 139 0 0 | 2 |
| Cows and heifers | 62 | 67 0 0 | 3 |
| Fat stock | 51 | 10 0 0 | 15 |
| Swine | 34 | 28 0 0 | 8 |
| Implements and machines | 1,300 | — | — |
| Total | 1,636 | 244 0 0 | 28 |

The "Chaloner" plate was awarded as last year to Myles O'Reilly, Esq., M.P., Knock Abbey, Dundalk, for his short horned roan bull, "Richard the Second."

The number of visitors to the show amounted to 12,034 persons.

### *Winter Show of Fat Cattle, Poultry, Farm and Dairy Produce, &c.*

This show was held on Tuesday 7th December and three following days.

His Grace the Lord Lieutenant visited the show and minutely inspected the cattle and articles exhibited.

The following table exhibits the principal features of the exhibition:—

| Description. | Entries. | Money Prizes. | Medals. | Certificates. |
|---|---|---|---|---|
| | | £ s. d. | | |
| Fat stock | 51 | 113 0 0 | — | — |
| Sheep (lots) | 19 | 30 0 0 | — | — |
| Swine (lots) | 9 | 10 0 0 | 1 | — |
| Poultry | 321 | 147 0 0 | — | — |
| Butter, cheese, &c. | 11 | 13 0 0 | — | — |
| Wool, frieze, and tweeds | 6 | 2 0 0 | 2 | — |
| Vegetable produce, tubers, &c. | 102 | 53 10 0 | — | — |
| General collections | 3 | 7 10 0 | — | — |
| Collections of Public Institutions. | 17 | — | 1 | 6 |
| Manures, &c. | 134 | — | — | — |
| Total | 673 | 376 0 0 | 4 | 6 |

Two silver cups presented by J. L. Naper, D.L., the one for the best ox, and the other for the best cow or heifer in the show, were awarded to the Marquis of Headfort for the former, and to Mr. Richard Walsh, J. P., for the latter.

The number of persons who visited the show amounted to 3,423.

*Agricultural Museum.*

The number of persons who visited the museum amounted to 8,633.

*Show of Horses and Rams.*

This exhibition was held on Tuesday the 3rd August, and three following days.

The number of entries in each class and the prizes awarded are shown in the following table :—

| Description. | Entries. | Money Prizes. | | |
|---|---|---|---|---|
| | | £ | s. | d. |
| Thorough-bred and other sires | 15 | 95 | 0 | 0 |
| Hunters | 435 | 278 | 0 | 0 |
| Ladies' horses and pack horses | 22 | 14 | 0 | 0 |
| Weight carrying cobs and roadsters | 48 | 42 | 0 | 0 |
| Harness horses and mares | 10 | 15 | 0 | 0 |
| Ponies | 42 | 20 | 0 | 0 |
| Brood mares | 27 | 80 | 0 | 0 |
| Agricultural horses (including sires) | 22 | 2 | 0 | 0 |
| Total | 621 | 546 | 0 | 0 |
| Rams | 72 | 101 | 0 | 0 |

In addition to the Society's prizes, the Royal Agricultural Society's Challenge Cup for the best agricultural sire was awarded to Mr. Lawrence Mooney, for his horse "Eclipse."

The "Citizens Challenge Cup" was won the third time, and finally, by Mr. M. G. Sweeny, of Castlerea.

Prizes amounting to 73*l.* were awarded to the successful competitors in leaping.

The unabated interest taken in the exhibition was evinced by the large number of persons, amounting to 21,857, who attended it on this occasion.

## School of Art.

School of Art.

The number of students who received instruction in the School of Art during the session which ended on the 31st July 1875 is as follows :—

| | | |
|---|---|---|
| Day classes,— | | |
| Males | 52 | |
| Females | 272 | |
| | | 324 |
| Morning and evening artizan classes,— | | |
| Males | 171 | |
| Females | 61 | |
| | | 232 |
| Total | | 556 |

At the annual examination of the students in geometry, perspective and freehand drawing for prizes of the second and third grade, 168 students presented themselves for examination, of whom 93 were successful. At these examinations 27 second grade prizes in books were awarded.

Appendix I. REPORT OF ROYAL DUBLIN SOCIETY.

The usual exhibition of the students' works, was not held during the Christmas recess 1874, it being then intended to open it during Midsummer instead, but this was found to be impracticable, the drawings being at that time in London. In 1875 the exhibition opened on the 27th December, when 1,296 persons visited it from that date to the 31st December, both days inclusive.

His Grace the Duke of Abercorn, Lord Lieutenant of Ireland, visited the exhibition, of which he expressed his approval.

The meeting for the distribution of the prizes awarded to the successful students in 1874, was held on the 19th February 1875. His Grace the Lord Lieutenant presided, and the meeting was attended by the Duchess of Abercorn and a number of distinguished persons. 860 visitors were present on that occasion.

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Attendance. RETURN of persons who attended the Lectures and Exhibitions of this Society, and of Visitors to the Botanic Gardens, Glasnevin, during the year 1875 :—

| | Number. | Totals. |
|---|---|---|
| 1. Natural History Museum :— | | |
| Daytime | 12,905 | |
| Evenings | 53,150 | |
| | | 66,055 |
| 2. Library readers:— | | |
| Daytime [including 2,289 ladies] | 13,608 | |
| Evenings | 4,696 | |
| | | 18,304 |
| 3. Botanic Gardens, Glasnevin:— | | |
| Sundays | 126,200 | |
| Week-days | 50,624 | |
| | | 176,824 |
| 4. Lectures: | | |
| Scientific | | 445 |
| 5. School of Art, students for the year ending 31st July 1875. | | 556 |
| 6. Distribution of Art prizes | | 860 |
| 7. Exhibition of students' works (one week only) | | 1,296 |
| 8. Evening Scientific meetings and discourses | | 764 |
| 9. Examination for certificates of merit | | 49 |
| 10. Agricultural museum | | 8,633 |
| 11. „ exhibitions (spring) | 12,034 | |
| „ „ (winter) | 3,423 | |
| | | 15,457 |
| 12. Horse and Ram show 1875 | | 21,857 |
| Total | | 311,100 |

By order of the Council,

(Signed) W. EDW. STEELE, M.D.,
Registrar.

Jan. 13, 1876.

# APPENDIX K.

## Royal Zoological Society of Ireland.

The forty-fourth Annual Meeting of the Royal Zoological Society of Ireland was held in the College of Physicians on Tuesday, 11th January 1876.

Mr. J. Murland, President, in the Chair.

### Report of Council.

During the year 1875 the numbers of visitors to the gardens and the receipts at the entrance gate were as follows :—

| | | £ | s. | d. |
|---|---|---|---|---|
| 1. Members | 6,118 | | | |
| 2. Public institutions | 3,351 | | | |
| 3. Visitors on tickets | 326 | | | |
| 4. Visitors at 1s. | 16,854 | 842 | 14 | 0 |
| 5. Visitors at 6d. | 3,688 | 92 | 4 | 0 |
| 6. Schools at 3d. | 303 | 3 | 15 | 9 |
| 7. Visitors at 2d. | 60,466 | 503 | 17 | 8 |
| 8. Visitors at 1d. | 13,839 | 57 | 10 | 3 |
| Total admissions | 104,945 | £1,500 | 4 | 8 |

During the preceding year (1874) the corresponding numbers and receipts were as follows :—

| | | £ | s. | d. |
|---|---|---|---|---|
| 1. Members | 7,245 | | | |
| 2. Public institutions | 3,811 | | | |
| 3. Visitors on tickets | 407 | | | |
| 4. Visitors at 1s. | 16,677 | 833 | 17 | 0 |
| 5. Visitors at 6d. | 4,278 | 106 | 19 | 0 |
| 6. Schools at 3d. | 360 | 4 | 10 | 0 |
| 7. Visitors at 2d. | 42,235 | 351 | 19 | 2 |
| 8. Visitors at 1d. | 34,910 | 145 | 9 | 2 |
| Total admissions | 109,923 | £1,442 | 14 | 4 |

The total numbers of visitors and receipts at gate during the past 10 years were as follows :—

| Year. | Visitors. | Receipts. | | |
|---|---|---|---|---|
| | | £ | s. | d. |
| 1866 | 111,789 | 778 | 10 | 10 |
| 1867 | 125,010 | 1,006 | 19 | 1 |
| 1868 | 127,900 | 938 | 18 | 6 |
| 1869 | 136,052 | 1,046 | 8 | 4 |
| 1870 | 151,785 | 1,359 | 16 | 6 |
| 1871 | 167,692 | 1,352 | 0 | 5 |
| 1872 | 147,184 | 1,502 | 9 | 10 |
| 1873 | 147,762 | 1,450 | 4 | 3 |
| 1874 | 109,923 | 1,442 | 14 | 4 |
| 1875 | 104,945 | 1,500 | 4 | 8 |

Appendix K.

REPORT OF ROYAL ZOOLOGICAL SOCIETY OF IRELAND.

During the corresponding years the total receipts from entrance fees and subscriptions were as follows:—

| Year. | Entrance Fees and Subscriptions. | Year. | Entrance Fees and Subscriptions. |
|---|---|---|---|
| | £ | | £ |
| 1866 | 432 | 1871 | 435 |
| 1867 | 291 | 1872 | 496 |
| 1868 | 343 | 1873 | 404 |
| 1869 | 369 | 1874 | 610 |
| 1870 | 378 | 1875 | 429 |

The stock of animals in the gardens during the past seven years was as follows:—

| Years. | Mammals. | Birds. | Reptiles. | Total. |
|---|---|---|---|---|
| 1869 | 143 | 219 | 25 | 387 |
| 1870 | 182 | 222 | 22 | 426 |
| 1871 | 173 | 245 | 30 | 448 |
| 1872 | 174 | 220 | 9 | 403 |
| 1873 | 153 | 216 | 12 | 381 |
| 1874 | 152 | 240 | 4 | 396 |
| 1875 | 136 | 237 | 9 | 382 |

The sums expended in the purchase of animals during the past 10 years were as follows:—

| | £ | s. | d. | | £ | s. | d. |
|---|---|---|---|---|---|---|---|
| 1866 | 73 | 19 | 7 | 1871 | 351 | 13 | 8 |
| 1867 | 404 | 7 | 6 | 1872 | 416 | 6 | 11 |
| 1868 | 145 | 16 | 3 | 1873 | 143 | 0 | 0 |
| 1869 | 294 | 19 | 3 | 1874 | 234 | 18 | 9 |
| 1870 | 435 | 6 | 6 | 1875 | 107 | 6 | 4 |

The promenades of May, June, and July were continued in 1875, the day being changed from Thursday to Saturday.

The numbers of members and visitors on the promenade days of each year were as follows:—

| Year. | Members. | Visitors. | Total. | Receipts. |
|---|---|---|---|---|
| | | | | £ s. d. |
| 1869 | 902 | 2,946 | 3,848 | 73 13 10 |
| 1870 | 986 | 3,633 | 4,619 | 88 3 6 |
| 1871 | 2,030 | 4,193 | 6,223 | 104 16 6 |
| 1872 | 1,488 | 2,710 | 4,198 | 135 10 0 |
| 1873 | 1,738 | 2,075 | 3,813 | 99 5 0 |
| 1874 | 1,814 | 1,741 | 3,555 | 86 2 6 |
| 1875 | 1,390 | 1,572 | 2,962 | 78 12 0 |

During the past year 21 live horses, 173 dead cattle, and 36 dead pigs and sheep were presented to the Society for the use of the animals.

The experiment of charging twopence to adults visiting the gardens, instead of one penny, as heretofore, which was commenced in 1874, was continued during the last year, with the satisfactory result of adding a considerable sum to the income of the Society.

In consequence of the rise in price of all the articles of food used in the gardens, it became necessary to secure a permanent addition to the yearly income of the Society, leaving the precarious resources of special subscriptions to supply the occasional wants of the gardens for buildings and purchase of animals.

This permanent addition to the income of the Society has been attained by doubling the price of admission for adults only, both on week-days and Sundays. The receipts from Sunday admissions, during the past ten years, have been :—

| | £ | s. | d. | | £ | s. | d. |
|---|---|---|---|---|---|---|---|
| 1866 - - | 378 | 19 | 10 | 1871 - - | 515 | 1 | 5 |
| 1867 - - | 396 | 8 | 1 | 1872 - - | 471 | 14 | 7 |
| 1868 - - | 417 | 5 | 6 | 1873 - - | 476 | 1 | 3 |
| 1869 - - | 431 | 15 | 4 | 1874 - - | 497 | 8 | 4 |
| 1870 - - | 472 | 6 | 6 | 1875 - - | 553 | 4 | 7 |

The elephant compound, built in front of the giraffe house, has been completed, and forms a permanent and valuable addition to the resources of the gardens, as an enclosure for the use of any of the large pachyderms.

Owing to the liberality of the authorities of Trinity College, an opportunity was afforded the visitors of the gardens, during the past year, of seeing a most interesting animal. It was the klipdas of the Cape of Good Hope, which is very closely allied to the shaphan, or rock coney, of Holy Scripture. This specimen was purchased for the museum of Trinity College, and during life was exhibited in the Zoological Gardens. The celebrated Cuvier first pointed out the singular position of this little animal, which was formerly believed to be rodent (allied to the rabbit), but which is now known to possess for its nearest relatives the tapir, hippopotamus, and rhinoceros. Professor Marsh, of Yale College, has recently discovered in the Rocky Mountains fossil remains of pachydermatous animals, of great size, closely allied to the kilpdas, or shaphan. The klipdas is not much larger than a rabbit, and (unfortunately for itself) is considered a great delicacy when properly cooked. It lives in caves of mountainous districts, such as Table Mount, at the Cape of Good Hope, or the hill country of Judea. It is also found in Abyssinia among rocky caves, and is there called *Ashkoko*, from the long hedgehog-like hairs that grow along its back, which in Amhara are called "ashkok." Its modern name in Palestine and Arabia is "gamu Israel," or sheep of Israel. The Hebrew name of this remarkable little animal, *Shaphan*, signifies the "hider," and implies cunning. The shaphan is mentioned four times in Holy Scripture, and is called in the authorised version *Coney* (rabbit). The Septuagint translators in all four places used the word "chœrogryllus," which implies a sort of grunting pig, and shows that they had a dim notion of its zoological peculiarities. St. Jerome also states that the shaphan is somewhat larger than a hedgehog, and that it resembled both a mouse and a bear (probably from its feet, which have four round soft toes on

Appendix K.

Report of Royal Zoological Society of Ireland.

the front, and three toes on the hind). In the Vulgate the word *Shaphan* is variously translated "chœrogryllus," "erinaceus" (hedgehog), "cuniculus" (coney), "lepusculus" (little hare). The Jews are not allowed to eat the shaphan. "And the shaphan, because he cheweth the cud, but divideth not the hoof, he is unclean to you."—Levit. xi. 5, repeated in Deut. xiv. 7. "The high hills are a refuge for the wild goats, and the rocks for the shaphan."—Ps. civ. 18. The cunning of the shaphan is alluded to by Agur, the son of Jakeh, as follows:—"There be four things which are little upon the earth, but they are exceeding wise. The shaphan are a feeble folk, yet make *they* their houses in the rocks."—Prov. xxx., 24, 26. The other cunning animals named by Agur are the ant, the locust, and the spider. The molar teeth of the klipdas resemble those of the rhinoceros; there are two strong incisors, without recurved roots in the upper jaw, and two canines in youth; and there are four incisors in the lower jaw, two of which are prominent and horizontal; the body is covered with thick hair, with hedgehog bristles here and there; the tail is represented by a little tubercle; and there are six teats, two pectoral and four ventral. Bruce says that in Abyssinia they live in airy caverns and holes in the rocks; that they are gregarious, and that frequently several dozen of them sit upon large stones at the entrance of their caves, warming themselves in the sun, and coming out to enjoy the freshness of a summer's evening. They do not stand upright upon their feet, but seem to steal along as in fear, their belly being nearly close to the ground, advancing a few steps at a time, and then pausing. They have something very mild, feeble-like, and timid in their deportment; are gentle and easily tamed, though when roughly handled at first they bite severely.

The most remarkable additions to the gardens during the year were the following:—A fine young tiger, presented by General Montgomery; a fine male red kangaroo; and the following animals born in the gardens: 1 Stanley musk deer fawn, 1 Sambur fawn, 2 llamas, 4 wolves, red deer fawn, Guanacco.

SAML. HAUGHTON,
Secretary.

14th January 1875.

# APPENDIX L.



## Royal Hibernian Academy of Arts.

### Report of the Council for the Year 1874–5.

In furnishing the report for the year 1874–5 the Council of the Royal Hibernian Academy is happy to state that the financial results of the Institution show a still further improvement as compared with the years 1872–3, 1873–4.

Annual exhibitions.

The annual exhibition opened on Monday the 15th of February, and closed on Saturday the 5th of June, being open 16 weeks, during which time for eight weeks it was open in the evenings by gaslight, at a reduced charge of one penny.

There were 382 works exhibited. The purchases amounted to 2,160*l.* 18*s.*, in which is included the sum expended by the Art Union of Ireland, amounting to 300*l.*, being an increase on the total sales effected during the previous year of 817*l.* 19*s.*

The following is an analysis of the attendance and receipts :—

| | £ | s. | d. |
|---|---|---|---|
| 309 Season Tickets, at 3*s.* each - - | 46 | 7 | 0 |
| 4,196 Day Tickets, at 1*s.* each - - | 209 | 16 | 0 |
| 20,585 Evening Admissions, at 1*d.* each - | 85 | 15 | 5 |
| 1,684 Catalogues, at 6*d.* each - - | 42 | 2 | 0 |
| 2,634 Evening Catalogues, at 3*d.* each - | 32 | 18 | 6 |
| | 416 | 18 | 11 |
| Commission on sales - - - | 140 | 0 | 0 |
| | £556 | 18 | 11 |

During the exhibition the students of the following Educational Institutions were invited to visit the exhibition gratuitously :—

Blue Coat School (King's Hospital).
Masonic Male and Female Schools.
Deaf and Dumb Mutes, St. Mary's, Cabra.
Clergy Daughters School.
Pleasants Asylum.
The Orphans of the Presentation Convent, George's Hill.
The Royal Hibernian Military School.
The Drummond Institution for the Orphans of Soldiers.
The Marine School.
St. Peter's Orphanage.
St. Vincent de Paul Male Orphanage.
St. Mary's Industrial Training Schools, Glasnevin.

Since the 18th of October 1874 there have been four general meetings of the Academy, and 13 meetings of Council.

During the year the Council has effected several repairs in the Academy house, portions of the building were repainted, the roof over the life schoolroom and statue gallery has also been repaired, glazed, and painted.

Schools.

The schools for the study of the living model and of the antique opened for the winter session on the 12th of October, and closed on the 15th of January, being open 12 weeks; they were re-opened for the spring and summer session on 22nd of February, and closed on the 4th of June, being open 15 weeks.

The average attendance, weekly, was - - 50
Antique school, average attendance - - 15

Appendix L.

REPORT OF ROYAL HIBERNIAN ACADEMY.

The annual visit of the inspector from the Department of Science and Art (F. B. Barwell, Esq.) took place on the 30th of June, when, in conjunction with the President, Thos. A. Jones, Esq., and the Keeper, P. Vincent Duffy, Esq., the following awards were made:—

W. Theodore Parkes, first prize, a silver medal, for drawing from the living model (in competition).

George A. Brenan, second prize, bronze medal.

For the best works from the antique:—

1st prize (bronze medal) and 3*l.*, G. A. Brenan.

2nd prize, 2*l.*, W. T. Parkes.

For the best collection of works from the nude living model made during the year:—

1st prize, 5*l.*, George A. Brenan.

2nd prize, 3*l.*, W. T. Parkes.

3rd prize, 2*l.*, J. S. Hutton.

The Professor of Anatomy, Wm. Thornley Stoker, Esq., M.D., delivered a course of lectures on anatomy, at the close of which he held a *vivâ voce* and written examination of the pupils. A bronze medal was awarded to W. T. Parkes; and John Earley was specially commended.

The Academy has to regret a vacancy on the list of its members, caused by the death of Matthew Kendrick, Esq., who formerly filled the office of Keeper for many years.

Mr. Henry Doyle was elected a constituent member of the Academy, and Mr. James Gray was elected an associate.

Annexed is the account of income and expenditure as furnished by the treasurer, Thomas Farrell, Esq., R.H.A.

---

GENERAL ABSTRACT of ACCOUNTS of the ROYAL HIBERNIAN ACADEMY, from the 1st of April 1874 to the 31st of March 1875.

| *Dr.* | | | | | | *Cr.* | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1874-5. | £ | s. | d. | £ | s. | d. | 1874-5. | £ | s. | d. | £ | s. | d. |
| To Balance indebted 31st March | | | | 113 | 8 | 5 | By rent, taxes, and insurance | 5 | 12 | 6 | | | |
| To Paymaster-General | | | | 300 | 0 | 0 | By repairs of building | 14 | 5 | 6 | | | |
| To Messrs. Russell & Co. | | | | 15 | 0 | 0 | By fuel, gas, and other lights | 99 | 18 | 4 | | | |
| To part Exhibition receipts from the 1st of April to 18th June 1874 | 214 | 1 | 11 | | | | By annual exhibition | 221 | 5 | 2 | | | |
| To ditto from 15th Feb. to 31st March 1875 | 179 | 10 | 0 | | | | By advertising and printing | 167 | 8 | 7 | | | |
| | | | | 393 | 11 | 11 | By salaries, wages, and allowances | 90 | 0 | 0 | | | |
| To Commission on sales, 1874 | | | | 62 | 0 | 0 | By incidental expenses | 49 | 4 | 5 | | | |
| | | | | | | | By life and painting schools | 141 | 5 | 0 | | | |
| | | | | | | | | | | | 788 | 19 | 0 |
| | | | | | | | By balance in bank | | | | 95 | 1 | 4 |
| | | | | £884 | 0 | 4 | | | | | £884 | 0 | 4 |

GENERAL ABSTRACT of ACCOUNTS of the ROYAL HIBERNIAN ACADEMY, from the 1st of April 1875 to the 30th of September 1875.

| *Dr.* | | | | | | *Cr.* | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1875. | £ | s. | d. | £ | s. | d. | 1875. | £ | s. | d. | £ | s. | d. |
| To Balance indebted the 31st March | | | | 95 | 1 | 4 | By rent, taxes, &c. | | | | | | |
| To part receipts of Exhibition— | | | | | | | By repairs of building | 6 | 6 | 0 | | | |
| April | 108 | 7 | 1 | | | | By fuel, gas, &c. | 65 | 2 | 3 | | | |
| May | 96 | 0 | 0 | | | | By annual exhibition | 180 | 5 | 5 | | | |
| June | 33 | 1 | 10 | | | | By advertising and printing | 110 | 19 | 0 | | | |
| | | | | 237 | 8 | 11 | By salaries, wages, &c. | 145 | 0 | 0 | | | |
| To Messrs. Russell & Co. | | | | 15 | 0 | 0 | By incidental expenses | 22 | 14 | 7 | | | |
| To Paymaster-General | | | | 300 | 0 | 0 | By life and painting schools | 50 | 5 | 0 | | | |
| To Commission on sales | | | | 140 | 0 | 0 | | | | | 580 | 12 | 3 |
| | | | | | | | By balance in bank and in hands | | | | 206 | 18 | 0 |
| | | | | £787 | 10 | 3 | | | | | £787 | 10 | 3 |

# APPENDIX M.

STATEMENT of the EXPENDITURE of the several DIVISIONS of the SCIENCE and ART DEPARTMENT of the UNITED KINGDOM, for the Period from 1st April 1875 to 31st March 1876.

[*Mem.*—The following Statement of Expenditure is subject to alteration during the examination of the accounts by the Exchequer and Audit Department, which will be completed on or before the 30th November next.]

## SOUTH KENSINGTON MUSEUM.

| Heads of Service. | Amount. | | |
|---|---|---|---|
| | £ | *s.* | *d.* |
| Administration:— | | | |
| A. 1. Salaries of Staff | 4,961 | 3 | 7 |
| Schools of Science and Art:— | | | |
| B. 1. Science | 42,530 | 15 | 4 |
| 2. Salaries of National Art Training School | 1,640 | 9 | 11 |
| 3. Maintenance of Students | 2,479 | 17 | 0 |
| 4. Public Elementary Schools | 17,682 | 6 | 0 |
| 5. Artizans attending Night Classes | 17,472 | 12 | 10 |
| 6. National Scholarships, &c. | 1,371 | 5 | 0 |
| 7. Local Secretaries | 1,260 | 19 | 1 |
| 8. Preparation of Papers, &c. for Examinations | 6,122 | 8 | 0 |
| 9. Inspection and Examination | 12,792 | 4 | 8 |
| 10. Local Committees | 4,426 | 15 | 6 |
| 11. Prizes | 8,204 | 7 | 1 |
| 12. Scholarships | 745 | 0 | 0 |
| 13. Grants for Examples | 5,154 | 14 | 8 |
| 14. Building Grants | 864 | 0 | 0 |
| Expenses of Purchases, Circulation, &c.:— | | | |
| C. 1. Salaries | 1,215 | 12 | 11 |
| 2. Science Divisions | 1,480 | 14 | 0 |
| 3. Works of Art | 10,798 | 18 | 8 |
| 4. Reproductions of Works of Art | 1,853 | 14 | 2 |
| 5. Hire of Specimens | 94 | 0 | 10 |
| 6. Photographing Art Objects, &c. | 1,238 | 18 | 2 |
| 7. Specimens | 398 | 11 | 0 |
| 8. Exchange of Works | 195 | 3 | 11 |
| 9. Art Library | 2,504 | 3 | 4 |
| 10. Preparation, &c. of Catalogues | 1,994 | 3 | 4 |
| 11. Carriage, Materials, &c. | 2,216 | 12 | 9 |
| South Kensington Museum:— | | | |
| D. 1. Salaries | 6,680 | 8 | 7 |
| 2. Occasional Professional Assistance | 1,317 | 10 | 6 |
| 3. Police | 6,342 | 5 | 5 |
| 4. Furniture, Fittings, and Materials | 5,697 | 6 | 2 |
| 5. Artizans, Cleaners, Labourers, &c. | 9,263 | 19 | 7 |
| 6. Heating and Lighting | 10,097 | 17 | 10 |
| Services common to the several Divisions:— | | | |
| E. 1. Temporary Clerks, Assistants, &c. | 9,137 | 17 | 3 |
| 2. Attendants and Messengers, &c. | 11,405 | 13 | 0 |
| 3. Travelling | 8,992 | 9 | 9 |
| 4. Incidental expenses | 1,097 | 11 | 0 |
| | £221,732 | 10 | 10 |

Appendix M.

RETURN OF EXPENDITURE.

## GEOLOGICAL SURVEY OF THE UNITED KINGDOM.

| Heads of Service. | Amount. | | |
|---|---|---|---|
| | £ | *s.* | *d.* |
| England:— | | | |
| Q. 1. Salaries | 11,384 | 6 | 0 |
| 2. Travelling | 1,593 | 18 | 9 |
| 3. Incidental expenses | 299 | 12 | 11 |
| Scotland:— | | | |
| 4. Salaries | 3,032 | 7 | 7 |
| 5. Travelling | 465 | 12 | 1 |
| 6. Incidental expenses | 218 | 8 | 9 |
| Ireland:— | | | |
| 7. Salaries | 4,461 | 18 | 10 |
| 8. Travelling | 1,060 | 3 | 4 |
| 9. Incidental expenses | 144 | 7 | 8 |
| | 22,660 | 15 | 11 |

### SUMMARY.

| | £ | *s.* | *d.* |
|---|---|---|---|
| Science and Art Department, South Kensington | 221,732 | 10 | 10 |
| Branch Museum, Bethnal Green | 7,140 | 1 | 0 |
| School of Mines and Geological Museum | 8,416 | 2 | 9 |
| Edinburgh Museum | 10,273 | 16 | 6 |
| Royal Dublin Society | 7,399 | 5 | 11 |
| Royal College of Science | 6,889 | 18 | 0 |
| Royal Hibernian Academy | 300 | 0 | 0 |
| Royal Zoological Society of Ireland | 500 | 0 | 0 |
| Geological Survey of the United Kingdom | 22,660 | 15 | 11 |
| Total | 285,312 | 10 | 11 |

(Signed) THOMAS A. BOWLER,
Book Keeper.

NORMAN MACLEOD,
Accounting Officer.

LONDON:
Printed by GEORGE E. EYRE and WILLIAM SPOTTISWOODE,
Printers to the Queen's most Excellent Majesty.
For Her Majesty's Stationery Office.

# TENTH ANNUAL REPORT

OF THE

# WARDEN OF THE STANDARDS

ON THE

## PROCEEDINGS AND BUSINESS

OF THE

# STANDARD WEIGHTS AND MEASURES DEPARTMENT

OF THE

# BOARD OF TRADE.

---

## FOR 1875-76.

---

*Presented to both Houses of Parliament in pursuance of the Act 29 & 30 Vict. c. 82. s. 12.*

LONDON:
PRINTED BY GEORGE E. EYRE AND WILLIAM SPOTTISWOODE,
PRINTERS TO THE QUEEN'S MOST EXCELLENT MAJESTY.
FOR HER MAJESTY'S STATIONERY OFFICE.

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# TENTH ANNUAL REPORT

OF THE

# WARDEN OF THE STANDARDS

ON THE

## PROCEEDINGS AND BUSINESS OF THE STANDARD WEIGHTS AND MEASURES DEPARTMENT

**For 1875-6.**

---

**To be laid before Parliament, in pursuance of s. 12 of the Act 29 & 30 Vict. c. 82., the Standards of Weights, Measures, and Coinage Act, 1866.**

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## TO THE BOARD OF TRADE.

---

1. In continuation of previous Annual Reports, the amount and progress of the work of the Standards Department during the past year, as compared with previous years, (so far as relates to the comparison and verification of local standards of weights and measures, including gas measuring standards,) is appended in a tabular form. This Table comprehends the number of local standards originally verified and officially reverified for the use of local inspectors of weights and measures, and of public departments in this kingdom and in the colonies, since the year 1859, when the reverification of local standards of weights and measures was first required by law under the provisions of the Act 22 & 23 Vict. c. 56. s. 1, so far as relates to Great Britain, and since the year 1860, so far as relates to Ireland, under 23 & 24 Vict. c. 119. s. 5. Enactments are contained in these statutes that no copies of the standard weights shall be legal unless reverified in this Department within five years, and no copies of the standard measures unless so reverified within ten years; but a proviso was added authorising copies of the county standards to be locally reverified within the same periods, by comparison with one of the county sets which shall have been duly reverified in the Standards Department. There is no legal provision for the reverification of copies of the gas-measuring standards.

1. Number of local Standard annually verified, 1859-76.

Appendix I.

It may be seen from the Table that during the past year the more mechanical and laborious work of the Department has been greater than the average of preceding years, notwithstanding that the number of verifications stated in the appended paper does not include the large number of local Standard weights and measures specially verified for the Government of Canada in 1875–6.

The total number of local standards originally verified at the Exchequer during the 35 years which elapsed from the passing of the Act 5 Geo. 3. c. 74. in 1824, (when the existing local standards of imperial weight and measure were established,) up to 31 March 1859, was stated in my seventh Annual Report to be 30,256, contained in 1,255 sets, and shown in detail in a corresponding number of indentures of verification.

2. Local standards rejected after comparison.

2. The number of local standards rejected during the last year for bad workmanship, or for errors beyond those allowed, is shown in the following comparative Table :—

TABLE I.

NUMBER of Rejections of Local Standards for bad Workmanship, or as requiring Re-adjustment.

| Year ending 31st March. | Weights. | | | | Measures. | | | | Total Weights and Measures. | Percentage on Total Number verified. |
|---|---|---|---|---|---|---|---|---|---|---|
| | Avoir-dupois. | Troy. | Bullion. | Total. | Capacity. | Length. | Gas. | Total. | | |
| 1869 | 203 | 10 | 67 | 280 | 37 | 24 | 1 | 62 | 342 | 13 |
| 1870 | 79 | 3 | 24 | 106 | 40 | 16 | 2 | 67 | 173 | 11 |
| 1871 | 87 | 13 | 47 | 147 | 89 | 11 | 4 | 104 | 251 | 11 |
| 1872 | 234 | 34 | — | 268 | 128 | 14 | — | 142 | 410 | 18 |
| 1873 | 290 | 7 | 98 | 395 | 125 | 44 | 1 | 170 | 565 | 20 |
| 1874 | 241 | 9 | 35 | 285 | 68 | 13 | — | 81 | 366 | 13 |
| 1875 | 110 | 30 | 13 | 153 | 23 | 5 | 1 | 29 | 182 | 9 |
| 1876 | 255 | 19 | 51 | 325 | 68 | 8 | — | 76 | 401 | 14 |

It is to be regretted that, as compared with the two previous years, there is a considerable falling off from the improved state of the local standards delivered for verification during those years. But it is only by a vigilant exercise of the duty incumbent on this Department, to reject all copies of the Standards sent for re-verification that are not deemed fit to be used for the purposes of Standards, that a due state of efficiency of these instruments can be maintained. Such duty is enjoined by sect. 5 of the Weights and Measures Act of 1835, 5 & 6 Will. 4. c. 63. A more detailed statement of the errors of the standards so rejected will be found in Appendix II.

Appendix II.

3. Places with illegal standards, not being duly reverified.

Appendix III.

3. In continuation of similar information contained in my former Reports, Appendix III. shows a list of places in the United Kingdom for which copies of the imperial standards (exclusive of troy weights) have been officially verified, but have not been duly reverified within the periods prescribed by law. This list is made up to 31st March 1874. A summary of this appended paper,

showing also a comparative statement in each of the last three years, is given in the following Table:—

TABLE II.

ABSTRACT of Places in the United Kingdom, where the Standards have not been reverified as required by Law.

| — | Standard Weights. | | | | Standard Measures of Capacity. | | | | Standard Measures of Length. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1872-3. | 1873-4. | 1874-5. | 1875-6. | 1871-2. | 1872-3. | 1873-4. | 1874-5. | 1873-4. | 1874-5. | 1875-6. |
| England and Wales: | | | | | | | | | | | |
| Counties - - | 4 | 3 | 2 | 5 | 2 | 1 | 2 | 2 | 3 | 4 | 4 |
| Cities, boroughs, &c. | 63 | 51 | 45 | 59 | 40 | 37 | 30 | 33 | 36 | 36 | 40 |
| Scotland: | | | | | | | | | | | |
| Counties - - | 9 | 5 | 5 | 9 | 8 | 5 | 3 | 5 | 7 | 7 | 10 |
| Cities, boroughs, &c. | 14 | 12 | 9 | 12 | 11 | 7 | 4 | 7 | 8 | 8 | 10 |
| Ireland: | | | | | | | | | | | |
| Counties - - | 13 | 14 | 16 | 16 | 9 | 13 | 12 | 12 | 18 | 16 | 17 |
| Borough - - | — | — | — | 4 | — | — | — | 1 | — | 1 | 6 |
| Total, United Kingdom - | 103 | 85 | 77 | 105 | 70 | 63 | 51 | 60 | 72 | 72 | 87 |

With reference to this Table, I have nothing to add to my remarks in previous Reports, except to repeat the statement that, under the existing laws, this Department has no control whatever over the local inspectors of weights and measures, nor of the sending of the local Standards to this office for reverification. The Department is thus entirely passive in the matter, and the utmost I can do is to report in my Annual Reports the several places where the law is not duly obeyed.

4. Local Standards, &c. verified for government of Canada.

4. In continuation of the information contained in my two last annual Reports, relating to the part taken by this Department in the construction and verification of Standards and Standard instruments for the Government of Canada, I have now to add that during the past year also much of the time and attention of the officers of the Department has been taken up in completing the comparison and verification of the large number of local Standard weights and measures required for the 100 local verification offices in Canada. It was not until late in the spring of 1876 that the whole work was completed, and the last instalment of Standards and other instruments was sent out to Canada.

I have previously adverted to the Reports furnished by me to the Government of Canada, relating to the construction and mode of comparison of the various Standard instruments for Canada, and certifying the results of the comparisons made in the Standards Department; these Reports having been appended to the First and Second Annual Reports of Mr. Brunel, Commissioner of Inland Revenue in Canada, under whose charge the Weights and Measures Department there is placed. The two Canadian Reports have since been laid by the Board of Trade before both Houses of Parliament, for deposit in their respective libraries. A supple-

mentary Report was made by me to the Canadian Government in the spring of this year, completing the information previously furnished, and will be appended to Mr. Brunel's Third Report on the Inspection of Weights, Measures, and Gas in Canada, copies of which, when received from Canada, it is also proposed to lay before both Houses of Parliament.

5. Other special verifications in 1875–76.

The following further special verifications have been made at the Standards Office during the past year :—

1. The Standard coin weights and decimal bullion weights of the Royal Mint, in pursuance of section 17 of the Coinage Act, 1870, 33 Vict. c. 10.
2. A set of decimal avoidupois Standard weights in gun metal, from 100 lbs. to 0·01 lb., in the decimal series of 10, 5, 3, 2, 1 ; and a similar series of Troy Standards, from 100 lbs. to 0·01 lb Troy, for the Government of India.
3. Fourteen sets of Imperial measures of capacity, each set consisting of a bushel, and from a gallon to a half gill inclusive, for the Orange Free States, Cape of Good Hope.

6. Verification of primary Standards for Siam.

6. A series of Standard weights and measures has been verified for the Government of Siam during the past year. The official application for their verification was made by command of the King of Siam, through Phya Krasap Kitcha Koson, Master of the Royal Siamese Mint, and was transmitted through the Siamese Consul-General in this country. In the official requisition it was stated to be the King's pleasure that these Standards should be kept for national reference, and deposited in the Department of Science within the palace walls of Siam, under the custody of the Siamese Master of the Mint. It should be noticed that at Siam the standard temperature for weights and measures is 85° F. The following is a description of these Siamese primary Standards.

1. The Siamese unit of length, the Standard "Wa," intended to measure 80 English Standard inches, at the temperature of 85° F.

| | | | |
|---|---|---|---|
| The "Wa" | is divided into | 4 | Sok. |
| „ "Sok" | „ | 2 | Küb. |
| „ "Küb" | „ | 12 | Nin. |
| „ "Nin" | „ | | eighths, and smaller parts. |

This length of 80 English inches is defined by lines upon a solid bar of Standard silver. The length between the lines marked 0 and 80 has been found to be equal to 79·997 inches of the Imperial Standard yard, both bars being at the temperature of 62° F., and of the length of 79·999 inches, both bars being at 85° F. The co-efficient of expansion of the silver bar for 1° F. was taken to be 0·00001018, and of the bronze bar 0·00000947.

2. The Siamese unit of weight, the "Chang," called by foreigners the "Siamese Catty," and its legal weight equal to 2·675 lbs. avoirdupois.

This Standard weight is constructed of platinum-iridium, and has been found equal in a vacuum to 2·674761 Imperial Standard lb.; and in air $t.=62°$ F. $b.=30$ in. $=2·675007$ lbs., in terms of the brass commercial pound, or $=18{,}725·049$ grains.

3. The smaller Siamese Standard of weight, the "Bat," called by foreigners the "Tical;" being $\frac{1}{80}$th part of the Chang, and its legal weight equal to 234·0625 English grains.

This Standard weight is also constructed of platinum-iridium, and has been found equal in a vacuum to 234·044 grains of the Imperial Standard lb.; and in Standard air $=234·06515$ grains of the brass commercial Standard lb.

4. The large commercial Standard weight, the "Hap," equal to 50 Chang, and its legal weight equal to 133·75 lbs. avoirdupois.

This Commercial Standard is made of gilt gun-metal, and has been found in Standard air $=133·751$ lbs. of the brass commercial Standard lb.

5. The Siamese unit measure of capacity for dry goods, the "Thangsat" or Bucket; its legal capacity in cubic dimensions $=10\times10\times20$ Siamese Nin, and consequently equal to 1157·4074 English cubic inches.

This measure is made of German silver, and has been found $t.=62°$ Fahr. $b.=30$ in. to contain 292,481 grains weight of distilled water, or by computation of the capacity of 1158·5339 cubic inches; and at the temperature of 85° F. of the capacity of 1159·8477 cubic inches.

6. The Siamese unit measure of capacity for liquids, the "Thanan" or Cocoa-nut shell; its legal capacity in cubic dimensions $=5\times5\times4$ Siamese Nin, and consequently equal to 57·87037 English cubic inches.

This is made of German silver, electro-plated with silver, and has been found $t.=62°$ F. $6=30$ in. to contain 14602·2 grains weight of distilled water, or by computation of the capacity of 57·83935 cubic inches; at 85° F., $=57·8800$ cubic inches.

These six Standards were constructed by Mr. Oertling.

7. A brass Thangsat,

8. A brass Thanan,

Both constructed by Messrs. J. Tylor and Sons.

By similar computation, the brass Thangsat was found of the capacity of 1156·196 cubic inches, at 62° F. and 1156·959 cubic in. at 85° Fahr. The brass Thanan was found equal to 58·053 cubic in. at 62° F. and 58·091 cubic in. at 85° Fahr.

Official certificates of verification in the usual form were issued from the Standards Department, showing the results of the comparisons of these Siamese Standards. The verification stamp of the Department was not affixed to the Standards, the errors found being larger than those generally allowed. The Standards were engraved with the Royal Seal of Siam, and with a shield for an inscription to be engraved upon them on their arrival at Siam.

7. Comparison of Russian Standards of weight.

7. In my Seventh Annual Report for 1872–3, an account was given of a collection of Russian Standard weights and measures, which had been presented to the Standards Department, after having been sent to this country by the Russian Government for the International Exhibition of 1862. These Standards were brought to this country by the eminent member of the Russian Academy of Sciences, the late M. Kupffer, and a full description of the several Standards and their equivalents in imperial weight and measure, are stated in my Seventh Annual Report.

During the past year, a complete set of Russian Standard weights was constructed in London for the Russian Government, viz. :—

1 box containing 7 weights, viz. :
- 1 *Pud* (П) equal to 40 Funt (Ф), or Russian Commercial and Monetary Standard pounds.
- 20, 10, 5, 3, 2, 1 Funt.

1 box containing 18 weights, viz. :
- 1 Funt = 96 Zolotniks (з) or 9216 Doli (д),
- 48, 24, 12, 6, 3, 2, 1 Zolotniks,
- 48, 24, 12, 6, 3, 2, 1 Doli.
- $\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{8}$ Dola.

1 box containing 19 weights, viz.
- 1 Medicinal or Apothecaries' *Funt* or pound, (А Ф) containing 8064 doli, or $\frac{7}{8}$ of the Commercial and Monetary Standard pound. It contains also sixteen ounces.
- 1 half-lb., equal to 8 ounces (у), 4, 2, and 1 oz equal to 8 drachms.
- 1 half-oz., equal to 4 drachms, 2, $1\frac{1}{3}$, and 1 oz., equal to 3 scruples.
- 2, $1\frac{1}{2}$, and 1 scruple, equal to 20 grains.
- 10, 5, 3, 2, 1, $\frac{1}{2}$, $\frac{1}{4}$ grains.

There was also a duplicate box of 18 weights from 1 Funt to $\frac{1}{8}$ dola.

These weights were of bronze and spherical in shape, except the smaller weights of 1 dola and under, which were flat and made of platinum.

A request was made to me by General Gloukhoff, the head of the Standards Department at St. Petersburg, to compare the several units of this complete set of Russian Standards, and to give their values in terms of our Imperial Standard pound.

It appears from the work of M. Kupffer, "Travaux de la Commission pour fixer les Mesures et les Poids de l'Empire de Russie," printed at St. Petersburg in 1841, that the Standard unit of Russian weight is the gilt brass pound, constructed by the Russian Commission and declared to be exactly equal to the earlier gilt brass Standard pound, constructed in 1747, and deposited in the Mint at St. Petersburg. This Russian Standard pound of the Commission was compared by M. Kupffer with certified copies of an English avoirdupois lb. of gilt brass, constructed by Bate, and verified at the Exchequer in 1832, and of

a French kilogram of brass, furnished by the French Government, and verified by M. Arago, when the following equivalents were found by Kupffer, and were adopted by the Russian Government, viz. :—

1 Russian lb. = 0·90283 English avoirdupois lb. or 6319·81 grains. Kupffer, vol. 1, p. 411.
„ = 0·4095174 kilogram. Ib., p. 416.

Kupffer, however, expressed himself dissatisfied with the accuracy of this brass kilogram, and General Gloukhoff preferred taking as the equivalent of the Russian pound, the mean result of Kupffer's comparisons with our avoirdupois lb. and of Schumacher's comparisons with his Standard troy pound of brass, viz. :— Ib., p. 88.

Russian lb.=0·90281828 lb. avoirdupois or 6319·73146 grains, whence from Professor Miller's equivalent of the Imperial pound in terms of the primary kilogram,

Russian lb. = 0·40951196 kilogram.

General Gloukhoff has proposed that the Russian Government should authorise these equivalents in Imperial and metric weight of the Russian Commercial and Monetary pound, and that this primary unit of Russian weight should be recognised by these equivalents in all other countries.

The Imperial and metric equivalents of the several units of Russian weight will consequently be as follows :—

| | Imperial grains. | Metric grammes. |
|---|---|---|
| 1 Russian pound Φ | = 6319·73146 | or 409·51196 |
| 1 „ Zolotnik ʒ | = 65·83054 | 4·26658 |
| 1 „ Dola Δ | = 0·68574 | 0·04444 |
| 1 Russian apothecaries' lb. A Φ | = 5529·76502 | 358·32297 |
| 1 „ ounce *y* | = 460·81375 | 29·86025 |
| 1 „ drachm *d* | = 57·60172 | 3·73253 |
| 1 „ scruple *s* | = 19·30057 | 1·24417 |
| 1 „ grain T | = 0·96003 | 0·06221 |

The actual values of the Standards of these Russian units of weights, and of the several multiples and parts specified, which were constructed in this country, as found by comparisons at the Standards Office, in terms of the brass commercial Standard pound in Standard air, $t. = 62°$ F. $b. = 30$ in. were certified in the usual official form to General Gloukhoff. They did not differ materially from the normal values here stated.

8. During the past year the time came round for reverifying, under the provisions of the Standards Act, the Standard weight of 62·321 lbs., the legalised weight of a cubic foot of water, together with its official copies ; and also for reverifying the Standard cubic foot bottle, representing the measure of a cubic foot of distilled water weighed in air against the Standard 62·321 lb. weight, as well as the gas-measuring Standards of 1 cubic foot, 5 cubic feet, and 10 cubic feet, the cubic contents of which are based upon the Standard cubic foot bottle. 8. Reverification of Standard weights of 62·321 lbs., Standard cubic foot bottle, and gas-measuring Standards.

The details of the several comparisons of these Standards and the definitive results are given in an appended paper, in which the ascertained errors found in the several Standards are stated. App. IV.

9. As to re-verification of the three metropolitan copies of the gas-measuring Standards.

9. Under the provisions of the Sale of Gas Act, 1859, copies or models of the three Standard gas holders, constructed and verified exactly in the same manner as the Standards themselves were furnished, at the Government expense, to the three Metropolitan cities of London, Edinburgh, and Dublin. In the course of time which has elapsed since the construction of these elaborate and costly Standard instruments under the Act of 1859, it was found necessary to take the official Standards to pieces, and so put them in complete order, and get rid of the injurious effect of oxidation. This work was completed early in the past year, and before the official Standards were submitted for reverification, when I felt it to be my duty to call the attention of the Chief Magistrates of the three metropolitan cities to the expediency of the copies of the Gas-measuring Standards deposited with them, being subjected to the same process of examination and restoration, and also to reverification. It may here be observed that there is no legal provision in the Sale of Gas Act for the periodical reverification of either the official gas-measuring Standards, or the copies deposited in the three metropolitan cities, nor indeed of the many copies verified for the use of the local inspectors of gas meters; and this is certainly an important omission in the Act. The chief magistrates of the three metropolitan cities at once concurred in my suggestion, made with the approval of the Board of Trade, that the gas-measuring Standards in their custody should be put into complete order, and the cost paid out of their corporate funds; and that the necessary arrangements should be made for their reverification in their place of deposit, by officers of the Standards Office, who would attend with the necessary Standard instruments. The reverification of these metropolitan copies of the gas-measuring Standards has not yet been completed, and I propose to make further reference to the subject in my next Annual Report.

10. Question of a Standard photometer for measuring the illuminating power of coal gas.

10. As connected with the question of gas-measuring Standards, which have been legalised by Parliament as the primary instruments for determining in an uniform manner the *quantity* of illuminating gas supplied and sold to the public, attention may here be called to the question of legalising a Standard photometer, for measuring also by an authorised uniform method the *quality* or the illuminating power of coal gas supplied and sold to the public.

The principle of the photometer, so far as regards the comparison of two lights for the purpose of measuring the relative difference of their illuminating power, was first brought into practical use by Count Rumford, in 1794. His method consisted in observing by the eye the equalization of the shadow thrown by each light on a white surface illuminated by both of them at once. The difference of illuminating power was computed from the relative distance of the two lights, in accordance with the ascertained fact that the intensity of light varies inversely as the square of its distance. An improvement to Rumford's method was

made by Bunsen, who introduced an opaque disc of greased paper between the two lights for better observing the intensity of these shadows. Bunsen's method was greatly improved by W. King, engineer to the Liverpool Gas Company, who was the first to make it practically available for testing the illuminating power of gas, by referring it to the light produced by a wax candle, as a Standard of illuminating power.

Such a Standard of the illuminating power of coal-gas was first legalised by Parliament in 1849, under the provisions of the Great Central Gas Company's Act of that year. In pursuance of the recommendations of a report by Professor Graham, Dr. Leeson, and Mr. Cooper, the Standard of the illuminating power of coal-gas, and to a certain extent the method of determining it, was prescribed in the Act. It was provided that the illuminating power of the gas sold was not to be less than the light produced by 12 wax candles, six to the pound, each consuming 120 grains of wax per hour; the gas being burnt at the rate of 5 cubic feet an hour from an argand burner of 15 holes, with a 7-inch chimney. In 1852, upon a further report from the same scientific authosities, a sperm candle, with a plaited wick, was substituted for the wax candle as the Standard of illuminating power for the Great Central Company's gas; and two sperm candles were used instead of one, in order that the light might be intensified and the rate of combustion equalised. The method employed at a somewhat later period was to cut a sperm candle in half and to burn each half down from the middle to the ends. The reason assigned for the change from wax to sperm was that "wax burns "with much less regularity than sperm;" and that "spermaceti "appears to be greatly preferable to wax for the trial candle for pho- "tometric experiments." The Standard 12-wax-candle gas of 1849 is stated to have been equivalent to 9½-sperm-candle gas of 1852.

The first public Act fixing the Standard unit of gaslight was the Metropolis Gas Act of 1860, 23 & 24 Vict. c. 125. Sect. 25 provides that the common gas supplied shall be "such as to "produce from an argand burner, having 15 holes and a 7-inch "chimney, consuming 5 cubic feet of gas an hour, a light equal "in intensity to the light produced by not less than 12 sperm "candles of 6 to the pound, each burning 120 grains an hour."

This Standard candle unit of gaslight has since been continued in the several Local and Personal Acts obtained by the several metropolitan gas companies, and by other gas-producing companies and corporations throughout the kingdom. But an important alteration, so far as regards the method of testing the illuminating power of gas, was made in 1868, by the City of London Gas Act. Gas referees were to be appointed by the Board of Trade, with the duties of testing the illuminating power of the gas supplied by the companies. Under this Act, the referees were (s. 40) to "prescribe and certify what testing places "and what apparatus therein for testing the illuminating power "and purity of gas shall be provided by each company;" and (s. 42) to "prescribe the burner for testing the illuminating power

" of the gas, and it shall be the most suitable for obtaining from " the gas the greatest amount of light, and be practicable for " use by the consumer."

These powers of the metropolitan gas referees were extended to other of the metropolitan gas companies in subsequent Acts obtained by them, and practically the referees now prescribe the mode of testing the illuminating power of gas supplied by the metropolitan companies, including the photometer and burner, and the method of using them.

Since the appointment of the Metropolitan Gas Referees under the Act of 1868, compulsory clauses have been inserted by Parliament in all Acts obtained by gas companies throughout the kingdom, under which the illuminating power of the common coal-gas supplied to consumers must not be less than the light of 12-candle gas. Provisions are also inserted for appointing persons to test the quality of the gas and for inflicting penalties when it is found below the Standard.

As regards the instrument actually in use for testing the illuminating power of gas in pursuance of these Acts, the King photometer was used up to 1850, when it was superseded by what is known as Evans' 100-inch photometer, first constructed by Sugg, in 1858, under the directions of Mr. F. G. Evans, engineer to the Gaslight and Coke Company, and afterwards appointed by the Board of Trade one of the gas referees. The Evans' photometer, with some modifications since introduced, is now much used in this country, particularly by gas companies supplying gas of a high illuminating power.

From its peculiar construction, no dark closed room for the operations being required, it is also used exclusively in all hot climates abroad. The graduated bar for measuring the distance of the lights is 100 inches long, and is fixed outside the photometer frame. The tested gaslight is fixed inside the frame a few inches from the bar and opposite to 0 of the scale. The opaque disc is fixed 50 inches from the tested gaslight and in a line from it parallel to the bar. It is therefore opposite to the middle of the graduated bar. The two testing candles, which are placed close to each other in a line normal to the bar, are made to slide in the same line parallel to the bar, until their combined light on the opaque disc is observed to be equal with the gaslight, when the illuminating power of the gas is read off in number of candles from the engraved figures on the bar, corresponding with the graduated line opposite to the testing candles.

In the Evans' photometer, as well as other photometers presently to be mentioned, there are numerous contrivances for measuring and regulating the pressure of the gas, for ascertaining the weight of the double candle burned in the prescribed time, for observing the temperature and barometric pressure, for testing the gas for sulphur, &c., further reference to which is not here required.

The Letheby 60-inch photometer was designed in 1863 by Dr. Letheby, and it was first constructed by Sugg for the city

of London. It was adopted as a Standard photometer by the metropolitan gas referees, to be used in accordance with their special directions. It is also much used both in the metropolis and throughout the country for testing the quality of gas, and has been adopted as the Standard photometer in Canada. The frame or outer case of the Letheby photometer forms a dark room in which the observer is placed. The tested gaslight and the Standard double candle are fixed at each end of the bar, and the disc placed between them is moveable upon the graduated bar. A full description of the 60-inch bar will presently be given.

Another description of photometer, known as Lowe's Jet Photometer, from its introduction by Mr. G. Lowe, C.E., was first constructed by Sugg, in 1864, and improved in 1868; although, as I am informed, the principle of its construction had been adopted in Edinburgh some time previously. It is based on a different principle from that introduced by Count Rumford, and carried out in the before-mentioned photometers, as it indicates the illuminating power of gas from the quantity required under specified conditions to maintain a flame 3 inches high. It is thus a 3-inch flame test. Though not hitherto recognized as a Standard photometer in this country, it is very much in use by manufacturers of gas all over the world, and is, as I am told, recognised as a Standard in Italy.

Another photometer, based on the same principle, the Illuminating Power Meter, has more recently been constructed by Sugg. It it claimed that by this instrument the quality of the gas can be determined in one minute from the quantity of gas, (measured by an experimental meter which is a portion of the apparatus,) that is required to maintain a flame of gas 3 inches high for 60 seconds.

With regard to these photometric instruments, it may here be remarked, that however desirable it may be to legalise a Standard photometer for measuring the illuminating power of gas, and to make regulations for verifying copies of such a Standard photometer for use throughout the kingdom, and to determine a uniform method of using these photometers under specified conditions, yet the time has not yet arrived when any photometer hitherto constructed can be relied upon for giving constant accurate results. The difficulty lies in obtaining, as a Standard, a testing candle or other light that gives the same amount of illuminating power under the same conditions. Hitherto, no better Standard unit than the sperm candle has been found. It is known, however, that few of the regulation sperm candles burn at the exact rate specified, and practically, their rate of consumption varies from about 115 up to about 126 grains per hour. The light of sperm candles is also affected by any difference in the quality of their cotton wicks and in the plaiting. Nor does any one sperm candle continue to give a uniform

light, as the amount of light and of sperm consumed depends on the varying state of the wick. Again, there is no certainty of the sperm itself being of a uniform quality, and that the same amount of light is produced from the consumption of a given weight. I have received information that a sperm candle recently brought from Russia, and tested here against a regulation sperm candle, was found 10 per cent. better in quality, and t have proportionately increased illuminating power.

It is of importance to add, that in the event of any Standard photometer being legally adopted, it is absolutely necessary that authoritative regulations for an uniform mode of using it be also imperatively required.

If, however, the illuminating power of coal gas supplied to the public is to be determined by referring the light given by it to a Standard light, an instrument should be adopted that may really be relied on as a Standard. Hitherto, the sperm candle is the only standard of light that has been recognised by the Legislature. But further experiments are now being made with the jet photometer and the illuminating power meter, in both of which the amount of light given out from gas under determinate conditions is measured by the height of the flame. These two photometers are claimed to be more accurate measuring instruments, inasmuch as no Standard light is required with them. In all the photometers which have been mentioned, there is the further difficulty in regulating the form of the burner, and experiments show that a burner that answers well with one of these photometers in testing 12-candle gas, will not test 18-candle gas with the same degree of accuracy.

Attempts have also been made to adopt as a photometer the radiometer, the instrument recently invented by Mr. Crookes, as showing the mechanical force of light. But his more recent investigations lead to the conclusion that the movement of the arms of the radiometer is due not to the force of light, but to "the "action of thermometric heat between the moving surface and "the glass case of the instrument, through the intervention of "the residual gas."

The question of legalising a Standard 60-inch Letheby photometer in this country as it has already been legalised in Canada, as practically the best instrument for measuring the illuminating power of gas is, however, well worth consideration. Although we can hardly look forward to obtaining scientifically accurate results, we might at least secure a uniform mode of testing the the quality of gas throughout the country. If it was considered necessary to legalise Standards for measuring the quantity of gas, and to make regulations for verifying copies, and for the stamping and inspection of gas meters, although these instruments are hardly to be depended on for showing accurately the *quantity* of gas sold, it appears to be equally necessary to adopt the best practical method in our power for uniformly testing the *quality*

of gas sold, in accordance with the requirements of the Legislature.

It is hardly within my province to refer to the means adopted for testing the purity of coal gas, in regard to its chemical composition as distinct from the illuminating power, and more especially for ascertaining the percentage of sulphur contained in it, as this part of the subject does not appear to require any similar Standard instrument of actual measurement. This testing of the purity of gas is, however, considered by Parliament to be as imperatively required for the security of the public as the testing of the illuminating power of gas, and clauses for this object are now inserted in every gas Act, and it appears consequently to be as necessary that a *uniform* method of testing the chemical quality of gas should be authoritatively determined upon as one for testing the illuminating power. A sulphur-testing apparatus forms part of the Letheby-Bunsen photometer.

11. Construction of brass Standard measuring scale for Letheby-Bunsen photometer.

11. A brass Standard scale, accurately graduated, has recently been constructed by Messrs. Troughton and Simms for the Standards Department, with a view of its being constituted the Standard of the 60-inch graduated bar employed in the photometer, now generally used for testing the illuminating power of gas, known as the Letheby-Bunsen photometer. The figures engraved on the scale, corresponding with the several graduated lines, are meant to show the illuminating power of the tested gas expressed in number of Standard candles according to the relative distance of the gaslight and the two Standard candles from the opaque disc described at p. xii. The distance of each division from the end of the 60-inch bar is computed from the principle that the illuminating power of a light decreases in proportion to the square of its distance, and is found from the formula

$$60\frac{\sqrt{c}}{1+\sqrt{c}}$$

where $c$ represents the division of the scale expressed in Standard *candles*, the legal unit of the illuminating power of coal gas under the Metropolis Gas Act of 1860.

This Standard photometer scale has now been carefully verified as to the accuracy of the several graduated lines marked upon it.

A similar Standard photometer scale was verified last year in the Standards Department for the Government of Canada, the 60-inch Letheby photometer having been legalised by the Canadian Legislature as the instrument for determining the illuminating power of gas throughout the Dominion.

The brass bar upon which the graduated scale is engraved is 60 inches long, 2 inches wide, and $\frac{1}{2}$ inch thick, reduced in weight by one of the 2-inch wide surfaces being bevilled off three-fourths of its width.

The graduated lines with the figures denoting the number of

candles and half candles are engraved at the following distances *from each end of the bar*, commencing with 1 at the middle of the bar:

| Candles. | In. | Candles. | In. | Candles. | In. |
|---|---|---|---|---|---|
| 1 | = 30·00 | 11 | = 46·10 | 21 | = 49·25 |
| 1½ | = 33·03 | 11½ | = 46·34 | 21½ | = 49·36 |
| 2 | = 35·15 | 12 | = 46·56 | 22 | = 49·46 |
| 2½ | = 36·75 | 12½ | = 46·77 | 22½ | = 49·55 |
| 3 | = 38·04 | 13 | = 46·97 | 23 | = 49·65 |
| 3½ | = 39·10 | 13½ | = 47·16 | 23½ | = 49·74 |
| 4 | = 40·00 | 14 | = 47·35 | 24 | = 49·83 |
| 4½ | = 40·78 | 14½ | = 47·52 | 24½ | = 49·92 |
| 5 | = 41·46 | 15 | = 47·69 | 25 | = 50·00 |
| 5½ | = 42·06 | 15½ | = 47·85 | 25½ | = 50·08 |
| 6 | = 42·61 | 16 | = 48·00 | 26 | = 50·16 |
| 6½ | = 43·10 | 16½ | = 48·15 | 26½ | = 50·24 |
| 7 | = 43·54 | 17 | = 48·29 | 27 | = 50·32 |
| 7½ | = 43·94 | 17½ | = 48·42 | 27½ | = 50·39 |
| 8 | = 44·33 | 18 | = 48·56 | 28 | = 50·46 |
| 8½ | = 44·68 | 18½ | = 48·68 | 28½ | = 50·53 |
| 9 | = 45·00 | 19 | = 48·80 | 29 | = 50·60 |
| 9½ | = 45·30 | 19½ | = 48·92 | 29½ | = 50·67 |
| 10 | = 45·58 | 20 | = 49·04 | 30 | = 50·74 |
| 10½ | = 45·85 | 20½ | = 49·15 | | |

The lines on the brass bar defining these several distances have been compared with our sub-divided Standards of length and have been found correct.

12. Construction and verification of hard brass decimal grain weights for pyx trials.

12. An additional set of Standard decimal grain weights has been constructed during the past year to be used specially at trials of the pyx. These weights are made of hard brass composed of

7 parts Copper.
3 „ Spelter.
2 „ Tin.

It has been considered as very desirable to ascertain by actual experiment how far weights composed of this metal alter in weight by oxidation, as compared with ordinary brass, and with the bronze known as Baily's metal, viz.:—

16 parts Copper,
2½ „ Tin,
1 „ Zinc,

as well as with the bronze known as gun metal, viz.:—

9 parts Copper,
1 „ Tin,

of which the other decimal sets of Standard grain weights are made.

With this object, these pyx grain weights have been adjusted as nearly as possible to their true weight in air in terms of the brass commercial Standard pound. Their values have been based upon comparisons of the larger grain weights with the two gilt gun metal

pounds, Nos. 33 and 34. Their errors have been determined as follows:—

Ascertained Errors in the Pyx Grain Weights, of Hard Brass, June 1876.

| Denomination. | Ascertained Error. | Denomination. | Ascertained Error. |
|---|---|---|---|
| | Gr. | | Gr. |
| 5,000 grains | +0·00079 | 3 grains. | +0·00014 |
| 3,000 „ | +0·00043 | 2 „ | −0·00019 |
| 2,000 „ | +0·00249 | 1 „ | −0·00056 |
| 1,000 „ | +0·00153 | 0·5 „ | +0·00011 |
| 500 „ | +0·00050 | 0·3 „ | +0·00003 |
| 300 „ | +0·00079 | 0·2 „ | +0·00049 |
| 200 „ | +0·00065 | 0·1 „ | −0·00034 |
| 100 „ | +0·00054 | 0·05 „ | −0·00040 |
| 50 „ | +0·00047 | 0.03 „ | +0·00011 |
| 30 „ | +0·00032 | 0·02 „ | +0·00042 |
| 20 „ | −0·00018 | 0·01 „ | +0·00046 |
| 10 „ | +0·00055 | 0·01′ „ | +0·00041 |
| 5 „ | +9·00007 | | |

It is proposed to take every precaution in the use of these weights, by strictly following the official regulation never to touch Standard weights with the hand, but to lift them either with the proper fork or with a wash leather, and by carefully wiping them with a wash leather after use.

13. Re-verification of Standard 10-ft and 6-ft. measures, and verification of defining lines on gold studs of 10-ft. bar.

13. During the past year, the time also came round for the periodical reverification of the secondary Standard measures of 10 feet and 6 feet, in pursuance of section 4 of the Standards Act. An account of the original verification of these new Standard measures of length is contained in Appendix XX. to the Fifth Report of the Standards Commission. The verification by microscopic comparison has also been made of the several measures defined by very fine lines marked on gold studs in wells sunk to the mid-depth of the steel 10-feet Standard bar; these lines having been added since the original verification in 1870 of the measures defined by engraved lines on the surface of the steel bar. The details of the several comparisons and the results are stated in Appendix V. The 10-feet Standard bar is thus available not only as a commercial Standard of length, but also as a Standard measure of 10 feet and of lesser numbers of intermediate feet, all these measures being verified with the highest scientific accuracy.

App. V.

14. Construction and laying down at Trafalgar Square of public Standards of length.

14. It was stated in my last Annual Report that a site for laying down public Standards of length, in pursuance of the recommendations of the Standards Commission, had at last been definitely fixed upon on the north side of Trafalgar Square, by permission of the Commissioners of Her Majesty's Public Works and Buildings.

The Parliamentary grant of 1875–6 of 200*l.* towards the expenses of laying down these Standards has been expended for defraying the cost of a solid platform of granite, which had been constructed at the foot of the north wall of Trafalgar Square, and extends the whole length of 259½ feet. The additional cost of providing and laying down the public Standards of the surveying land chain of 66 feet, with divisions of 10 links each, and of the building land chain measure of 100 feet, with divisions of 10 feet and the first division of 10 feet sub-divided into feet, as well as of the erection of Mural Standards of the Imperial yard, 2 feet, and 1 foot, with sub-divided inches, and of descriptive tablets, has been provided for by a grant of 250*l.* for 1876–7. The whole of the work has now been completed, and the new Standard chain measures have been accurately verified. An account of the construction of these public Standards and of the verification of these measures
App. VI. of length is appended. It contains also an illustrated drawing of these public Standards. The two Standard chain measures have been constructed in the most durable manner, being intended as Standards for regulating the chain measures in use throughout the kingdom. They have accordingly been legalised by Her Majesty's Order in Council, dated 27th June 1876, as Secondary Standards of length, under the provisions of sect. 6 of the Stan-
App. VII. dards Act, 1866. A copy of the Order in Council is also appended.

The recommendations of the Standards Commission for constructing these public Standards of length are contained more particularly in their Fifth Report, dated 3rd August 1870, and they comprehend also laying down a public Standard of the metric chain. A direct recommendation that mural Standards of the metric system, as well as of the Imperial system, be exhibited in public places, is contained also in sect. 6 of the Third Report of the Standard Commission, dated 3rd April 1869. These recommendations for the official exhibition of public Standards of metric length were based upon the assumption that the other recommendations of the Standards Commission relating to the metric system and contained in their Third Report, would be soon carried into effect, and that metric Standards, which have already been provided for the Standards Department, would be legalised, and the permissive use of metric weights and measures sanctioned by legislative enactment. They accordingly proposed at their meeting of 21st December 1869, that the metric chain of the Dekametre, or measure of 10 metres, be laid down as a public Standard, and the following mural Standards of metric length be erected also as public Standards:—

Metre and half-metre,
Decimetre and half-decimetre,
Centimetre.

The question of laying down public Standards of length of the metric system in Trafalgar Square at the same time as those of the Imperial system was consequently considered; but the Astronomer Royal concurred with me in opinion, that as weights

and measures of the metric system were not yet legalised in this country, it would be premature for a public Department officially to exhibit metric measures of length as public Standards, and thus to place them on a par with duly legalised public Standards of the Imperial system.

The following further recommendation was made by the Standards Commission in their Fourth Report, dated 21st May 1870, upon the Inspection of Weights and Measures, under sect. 5, relating to Standards and other instruments of verification.

"(53.) That mural or public Standards of length be securely fixed for public use in all populous towns, and the expenses connected with them be defrayed from the local funds. The local authorities to be responsible for keeping them in good order and the local inspectors to report to them periodically on their condition. These public Standards not to be valid for convictions of false or defective measures."

After the completion of the public Standards in Trafalgar Square and the legalisation of the Standard chains, I accordingly sent a circular letter (a copy of which is appended) to the local authorities in the several counties, cities, and populous towns of the United Kingdom, calling their attention to the above-mentioned recommendation of the Standards Commission, and to the public Standards erected in Trafalgar Square, and urging the expediency of their carrying the recommendation into effect, at the same time affording them such information on the subject as in my judgment would facilitate their course of action. App. VIII.

15. In my Eighth Annual Report, sect. 7, reference was made to the verification of a series of deal rod measures of 10 feet and 6 feet, with sub-divisions into single feet, for the Canadian Government. These rods were required for survey purposes in Canada, and were accordingly constructed by Messrs. Troughton and Simms with the greatest possible accuracy. A similar series has been constructed during the past year for the Standards Department, and these measuring rods have already been found of great practical use in laying down the 100 feet and 66 feet measures in Trafalgar Square. They are available also for laying down similar Standards of length in populous places throughout the kingdom. An account of the construction of these pine measuring rods and of their verification is appended. It may be interesting as showing the great precision of these measuring instruments, and as a point of departure for testing the constancy of length of deal rods at future periods by further comparisons with our metallic Standards. 15. Construction and verification of 10-ft. and 3-ft. pine measuring rods. App. IX.

16. Amongst the comparisons in aid of scientific researches which were carried out at the Standards Office during the past year, has been included a reverification of the first 36 inches of a brass scale of 41 inches, divided into tenths of inches, and of a metre divided into millimetres, marked on the same bar, which was constructed by Dollond early in the present century. Comparisons of the measures of the yard and the metre on this scale 16. Reverification of 0–36 in. of Dollond's brass scale, verified by Kater.

had been made by Capt. Kater both with the Shuckburgh scale and with the lost Imperial Standard yard, and MS. notes of the results of these comparisons by Capt. Kater accompanied the scale. A fuller account of the comparisons by Kater is contained in the Phil. Trans., 1830. It was a matter of scientific interest to recompare this scale, after the lapse of 45 years. A description of Dollond's scale and of the results of all the comparisons is contained in an appended paper.

Appendix X.

17. As to Imperial length of 0–36 in. of Shuckburgh scale, affecting Kater's equivalent of the metre.

17. It is also of some scientific importance to notice that one of the results of making this last-mentioned comparison was to direct my attention to the fact that Kater's determination in 1818 of the equivalent of the French metre in Imperial measure was stated by him *in terms of the Shuckburgh scale*, the first 36 inches of which he then considered to be identical in length with the Imperial Standard yard. Subsequent comparisons by Kater himself demonstrated, however, that there was a sensible difference between the length of the first 36 inches of the Shuckburgh scale and the Imperial Standard yard of that period, afterwards destroyed in the fire at the Houses of Parliament in 1834; and there was also a still greater difference between the same length of 36 inches of the Shuckburgh scale and the new Imperial Standard yard, as determined by Mr. Sheepshanks. It may be seen from what is stated in Appendix IX. that the result of such difference is to show that if Kater's determination of the French metre at 32° F. being equal to 39·37079 inches *of the Shuckburgh scale* at 62° be accepted as correct, it follows that the length of the primary French metre at 32° F. is equivalent to 39·37112 inches of the new Imperial Standard yard at 62° F. The correction is of importance only as regards scientific precision. It appears however that a new comparison of the length in question of the Shuckburgh scale is needed to arrive at an accurate result on this point, so far as regards a correction of Kater's determination. A more satisfactory determination of the true equivalent in Imperial measure of the metre may be made after the completion of the new series of International Metric Standards at Paris.

8. Sheepshanks' horizontal comparing apparatus for end-standard measures of length.

18. Amongst the various instruments constructed by Messrs. Troughton and Simms under Mr. Sheepshanks' directions, and used by him in his numerous comparisons during the construction of the restored Imperial Standard yard, was a horizontal comparing apparatus for end-Standards of length, with a micrometer screw. This apparatus was amongst those transferred by the Astronomer Royal to the Standards Department, after its formation in 1866. It has since been put into complete working order, and some additions made to it, amongst them a contact or feeling piece. A more detailed account of this apparatus, and of the mode of using it, will be found appended. As an historical and scientific instrument of precision, it has been included amongst the Standard instruments of the Department lent to the

App. XI.

Loan Exhibition of Scientific Apparatus of this year at South Kensington.

19. In France, every local verifier of weights and measures is supplied by the Government with a *nécessaire de vérificateur*, or kit of all the necessary instruments for verifying weights and measures of the metric system, so arranged as to be conveniently carried by the verifier. A full description of this *nécessaire* is given at p. 72 of Appendix II. to the Second Report of the Standards Commission, on the law and practice of the metric system in France. Having thus been brought under the notice of the Standards Commission, it was considered desirable by them that means should be adopted for furnishing a similar portable collection of verifying instruments applicable to Imperial weights and measures for the use of local verifiers in this country. Under my directions, therefore, Mr. Oertling has now constructed a model kit to be deposited in the Standards Office, copies of which can be made for such of the local authorities as may order them for the use of their verifying officers, and which may be more authoritatively adopted in the event of the recommendations of the Standards Commission being carried out for improving the system of verification in this country. 19. Model kit of verification instruments for local verifiers.

This model kit is also amongst the instruments of the Standards Department now exhibited at the Loan Exhibition of Scientific Apparatus at South Kensington. It differs so far from the French *nécessaire* that it contains only verifying instruments, whilst the *nécessaire* contains also stamps and stamping instruments. The verifying instruments are contained in a flat box, 24 inches long, 12 wide, and $4\frac{1}{2}$ deep, opening longitudinally, and provided with a strap for slinging over the shoulders. It is furnished with two handles to facilitate its transport, a lock and key, and two hooks to keep it closed. Its total weight when fitted is 30 lbs.

The several verifying instruments are made to fit in compartments for receiving them. They are as follows :—

1. A strong equal-armed balance constructed also to be used as a septimal balance, the beam having on one side an additional knife edge, placed one seventh of the distance from the central to the right hand outer knife edge. The balance is separated into five parts when fitted into the box; the column, the beam, the two pans of the equal armed balance, and the additional pan for the septimal balance. The balance is set up by screwing the column into a screw socket fixed in the box. It is available for comparing the heavier weights of 14, 28, and 56 lbs., when placed successively in the additional pan, and counterpoised with Standard weights equal to 2, 4, and 8 lbs. respectively placed in the weight pan; and it will show an error of about 8 grains with a 28 lb. weight and 30 grains with a 56 lb. weight. It is used as an equal armed balance for verifying weights from 7 lbs. to 1 oz. inclusive, and wil

show an error of 1 grain in a 1 lb. weight, and half a grain in a 1 oz. weight.

2. A small equal-armed balance fitted in a separate box for verifying weights of $\frac{1}{2}$ oz. and under. It turns easily with an additional weight of 0·02 grain.
3. A set of pile weights of 4, 2, and 1 lbs., and of cup weights 8 dram to $\frac{1}{2}$ dram, weighing together 1 lb.; and a set of grain weights from 6 grains to 0·1 grain.
4. A yard measure of flat hollow brass, folding in half and weighing under 10 ozs. The yard is a bed measure, and is sub-divided into line measures of 36 inches and tenths of inches.
5. A flat hollow brass gauge with engraved marks for testing measures of capacity from the bushel to the half-gill by their diameter and depth. This gauge was designed by the Astronomer Royal, and it has been verified by applying it to a set of Standard measures and found to give correct results. A somewhat similar brass gauge is used in France for verifying metric measures of capacity, by measuring their diameter and depth, the internal dimensions of each metric measure of capacity being strictly defined by the French law.

20. Testing and inspection of weighing machines.

20. Amongst the many subjects which engaged the attention of the Standards Commission and are referred to in their Fourth Report, relating to the inspection of weights and measures, the question of the verification and inspection of large weighing machines was one on which much evidence was laid before them, and after referring to the local Standards used by the verifying and inspecting officer, they recommended—

"(44.) That all other Standards required in his district for comparing and verifying commercial weights and measures, both for the use of the verifiers and of the inspectors (excepting supplementary iron 56 lbs. weights for testing weigh-bridges or weighing machines for heavy goods, waggons, &c.) be originally verified and officially stamped in the Standards Department, and may be locally compared and reverified by the verifier in presence of a witness, with his Standards for reference, within the like periods.

"(45.) That for the purpose of testing large weighing machines and weigh-bridges it be lawful for verifiers and inspectors to use such number of supplementary iron 56 lbs. weights as may be requisite, together with at least one local Standard weight of 56 lbs. duly verified; and that every such iron 56 lbs. weight be cast with the number of the district in which it is used marked upon it, and be compared once a year by the inspector with a local Standard weight duly verified, in the presence of a witness."

"(46.) That a report of every such local reverification, attested by the signature of the witness, be transmitted by the verifier to the Warden of the Standards, who shall, if he approve such reverification, transmit his certificate accordingly, and the verifier

or other officer shall not use such Standards or supplementary iron weights for comparing weights and measures or weighing machines, until such certificate shall have been received by him."

It will now be shown that the carrying out of these recommendations is now urgently required, to enable the local officers to perform their duties of testing weighing machines throughout the country.

During the past year, application was made to me by the Chief Constable of Cumberland and Westmoreland, who acts as the chief inspector of weights and measures in these united counties, stating that he had been requested to adjust weighing machines which were commonly used in his district for the sale of coals, wholesale and retail, and to inspect weighing machines used in coal and ore mines of West Cumberland, as the miners received their wages according to the mineral weighed upon these beams. He stated also that he was anxious to comply with this request, but he had no legal Standards which would enable him to adjust these weighing machines, and he asked if any adjustment would be legal unless made by the Standards authorised by law.

In my reply, I stated that although I was not officially authorised to give any decisive opinion on the construction of the laws relating to weights and measures, I always felt it my duty to aid the local inspectors in the performance of their duties, and to point out what appeared to me to be the provisions of law that define such duties.

That I knew of no provision of law, which either authorised or required a local inspector to *adjust* any weight, measure, or weighing machine. Under sect 21 of 5 & 6 Will. 4. c. 63., they are required to *examine and compare* all *weights and measures* with one or more copies of the Standards weights to be provided under the Act *for the purpose of comparison* by such inspectors; and they are to *stamp* such weights and measures when so examined and compared, if found to correspond with the said copies. There is a proviso that no single weight above 56 lbs. is to be inspected or stamped, such weight of 56 lbs. being the greatest of all Imperial Standard weights.

With reference to the question of the adjustment of weights and measures by local inspectors, a case has been brought under my notice* in which a complaint was made before the magistrates of a county inspector having adjusted weights, and made a charge for the adjustment, when the magistrates held that he had no right to do so. It is true that there is no provision of law subjecting an inspector to a penalty for adjusting weights. But, s. 23 of 5 & 6 Will. 4. c. 63., absolutely prohibits a "maker or "seller of weights and measures or person employed in the "making and selling thereof" being appointed an inspector, and this appears to prohibit an inspector from adjusting weights, and charging for them.

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* Handy book of Weights and Measures, 1860, p. 61.

There is no provision in the existing weights and measures laws which authorises the inspector to *verify and stamp any balance or weighing machine*, but the Standards Commission have recommended that the law should be amended in this respect, so as to authorise and require all balances and weighing machines to be duly verified and stamped.

Besides the duties of verifying and stamping weights thus charged upon the inspectors, the further duties of the inspecting all weights and measures, and seizing all that are found unjust, are also referred to in sect. 21. But the duties of inspecting are more distinctly defined in sect. 28 of the Act, by which the inspectors are required to enter all places where goods are exposed or kept for sale, or weighed for conveyance and carriage, "and there to "examine all weights, measures, steel yards, or other weighing "machines, and to compare and try the same with the copies of "the Imperial Standard weights and measures required or "authorised to be provided under the Act, &c."

The law thus appears to require that all large weighing machines be tested from time to time with duly verified copies of the Standard weights, for which purpose a considerable number of copies of the Standard 56 lb. would be needed. To furnish a sufficient number of these 56 lb. weights, duly verified, would entail considerable expense, as at present all such copies verified at the Standards Office are required to be made of brass or bronze. But there does not appear to be any direct provision of law for furnishing the inspectors with a sufficient number of these weights for verifying large weighing machines, for the law requires only that a sufficient number of copies of the Standard weights be provided for testing *weights and measures*. Under sect. 17 of the Act, the magistrates are required to determine the number of the copies of the Standards, "which they shall deem requisite *for the com-* "*parison of all weights and measures* in use within their respective "jurisdictions, and to direct that such copies verified and stamped "at the Exchequer (now Standards Office), be provided for the "use of the same."

The Inspectors thus appear to be charged with the duties of testing all large weighing machines, such testing being evidently needed for the protection of the public, whilst at the same time they are not furnished with the means of doing so. This, however, as I have already shown, is only one out of many imperfections of the existing weights and measures law, to which the Standards Commission have called attention, and have recommended legislative action for amending the law.

. Question the legal easure of the aldron.

21. In my last Annual Report, reference was made to the question of a Standard sack measure for coke, and to my reply to an application on the subject, in which I stated that there was no specific Standard of a sack measure, the only legal definition of which was contained in sect. 8 of 5 Geo. 4 c. 74. that three imperial bushels should be a sack. I added that if a sack measure were made, it appeared to me that its form and dimensions should be that of a cylinder 18½ inches in internal diameter, and

24¾ inches in height, being of the same internal diameter as the Standard bushel, and three times its height. As the Imperial bushel is of the capacity of 2218·192 cubic inches or 1·28367 cubic foot, the capacity of the sack should therefore be 6654·576 cubic inches, or 3·851 cubic feet.

No reference was here made to the question of *heaped measure*, although by the Act of 1824, the sack was to consist of three heaped bushels as will presently be shown. But heaped measure was abolished in 1835, by 5 & 6 Will. 4, c. 63., and the stated capacity of the sack was therefore stated by me to be equal to three unheaped bushels.

Under the same section of the Act of 1824, a chaldron should contain 12 sacks and consequently if the legal capacity of the sack is 3·851 cubic feet, the chaldron should be of the capacity of 46·212 cubic feet. A question, however, has now been raised whether under a true construction of the existing law, the sack and the chaldron are to contain respectively 3 and 36 *heaped* bushels, or *struck* bushels. The manager of a Cement Company in the city of London has called my attention to the fact, that in the sale of their coke, some of the London Gas Companies gave better measure than others, and the general practice in this matter was so varied that much fraud was perpetrated, and in one contract entered into last year by his company, it made a difference to them of 3,000*l.* by the struck bushel being used instead of the heaped bushel. He wished to know therefore, as the capacity of the chaldron has not been defined by law since the passing of the Act 5 Geo. 4, c. 74., in 1824, which provided that it should consist of 36 heaped bushels, whether this measure could not be insisted upon in a contract for coke, notwithstanding the abolition of heaped measure by sect. 7 of 5 & 6 Will. 4, c. 63., in 1835.

The actual provisions of law on this subject are as follows:—

By the Act of 1824, the Imperial bushel was defined as containing 80 lbs. weight of distilled water, or 8 Imperial gallons each containing 10 lbs of distilled water. As a cubic inch of water was declared by sect. 5 of the Act to weigh 252·458 grains, when weighed in air against brass weights, it followed that by simple computation, the capacity of the gallon was 277·274 cubic inches, as declared in sect. 14 of the Act, and the capacity of the bushel was consequently 2218·192 cubic inches.

By sect. 6 of the Act, this capacity of the Imperial bushel was declared to be the measure for corn and other dry goods not measured by heaped measure. The Standard for heaped measure was defined by sects. 7 and 8, the unit of measure for all goods and things commonly sold by heaped measure being declared to be the aforesaid bushel, made round, with a plain and even bottom, and 19½ inches outside diameter. In using such bushel, the goods were to be duly heaped up in the bushel in the form of a cone, such cone to be of the height of at least six inches, and the outside of the bushel to be the base of the cone; and three bushels were to be a sack, and 12 such sacks a chaldron.

By simple computation, the capacity of such a cone, with a minimum height of six inches, would be 597·2967 cubic inches, or 0·345 cubic foot. The total capacity of the heaped bushel was therefore not to be less than 2815·4887 cubic inches, equal to 1·629 cubic foot. That of the sack consequently was 4·888 cubic feet, and of the chaldron 58·656 cubic feet.

By sect. 9 of the Act of 1824, in using measures for all goods not commonly sold by heaped measure, such measures were not to be heaped, but stricken with a round stick or roller, straight, and of the same diameter from end to end.

It may here be interesting to refer in passing to the corresponding legal measures in use previously to the passing of the Act of 1824.

The Imperial bushel differed from the Winchester bushel, which had been the legal measure for grain, &c. from the time of the Saxons up to the passing of the Act of 1824, and was defined by 13 Will. 3. c. 5. as a cylinder $18\frac{1}{2}$ inches inside diameter and eight inches deep, thus by computation containing 2150·42 cubic inches. The Winchester corn bushel had also been the unit measure for coal up to the reign of Queen Anne, but under an Act 12 Anne, c. 17., a new Standard coal bushel was legalised, and was constructed and deposited in the Exchequer. It was defined as a cylinder $19\frac{1}{2}$ inches outside diameter and eight inches deep, and to contain a Winchester bushel and a quart. By computation, therefore, it contained $\frac{1}{32}$ part, or 67·20 cubic inches more than the Winchester bushel. Its capacity, when unheaped, was thus 2218·191 cubic inches, being identical with that of the Imperial bushel of 1824. Coals were to be "sold, measured, and "paid by the chalder, consisting of 36 such coal bushels heaped "up, and no other, and so in proportion for a greater or less "quantity." By a further Act of 3 Geo. 2. c. 27., in 1729, all coal dealers in the metropolitan district were to keep a lawful bushel agreeing with the Exchequer Standard, with which they were to measure coals sold by the chalder, or a lesser quantity, three bushels being justly measured into each sack.

Thus the Act of 1824 made no change in the actual measure of the chaldron of 36 heaped bushels, by which both coal and coke were at that time sold.

Attention may here be called to 6 Geo. 4. c. 12. for amending the Act of 1824. S. 2 of the amending Act fixed the figure of all measures used for the sale of goods commonly sold by heaped measure, other than the Standard bushel, and enacted that all such measures be made cylindrical, and their diameter be at the least double the depth thereof, and the height of the cone or heap be equal to three fourths of the depth of such measure, the outside of the measure being the base of such cone.

But two important changes were made by the Acts 4 & 5 Will. 4. c. 49., in 1834, and 5 & 6 Will. 4. c. 63., in 1835; heaped measure was abolished, and coals were thenceforward to be sold by weight and not by measure.

Sect. 7 of the Act of 1835 recited that, "Whereas the heaped

" measure is liable to considerable variation," and enacted that thenceforward the provisions of law which related to heaped measure should be repealed, and heaped measure abolished, all bargains made by heaped measure being declared void, and persons selling by heaped measure being liable to a penalty for every such sale.

Sect. 8 enacted that all articles heretofore sold by heaped measure which from their size and shape are incapable of being stricken, and from their nature and quality may not be conveniently sold by weight, be thenceforth sold " by a bushel measure corresponding " in shape with the bushel prescribed by 5 Geo. 4. c. 74. for the " sale of heaped measure, or by any multiple or aliquot part " thereof, filled in all parts so nearly to the level of the brim as " the size and shape of the articles sold will admit." A proviso is added that nothing contained in the Act shall prevent the sale by weight of any article theretofore sold by heaped measure.

Sect. 9 enacted that thenceforth all coals, slack culm, and cannel of every description be sold by weight and not by measure. This provision did not apply to coke, which was deliberately excluded from its operation, having been struck out of the clause of the Bill by the Select Committee of the House of Commons.

The question now is whether under the true construction of sect. 8 of the Act the capacity of the bushel which regulates that of the sack and chaldron in the sale of coke should be that of the heaped or the struck bushel; in other words, whether the capacity of the chaldron of coke should be 46·212 cubic feet, or 58·656 cubic feet, being 27 per cent. more. This is a question as to which it is beyond my province to give an authoritative opinion, and I am not aware of its having been submitted for legal decision by any competent authority.

With regard to the custom of the trade in this matter, I have ascertained that it is the practice of the London Gas Companies in the sale of their coke to take the capacity of the sack and chaldron to be that derived from the heaped bushel, and that no change has been made by them in these measures since or in consequence of the passing of the Acts of 1834 and 1835. At some of the stations of the Gas Light and Coke Company an iron drum sack-measure, 1 foot 6 inches in diameter and 2 feet 11 inches deep, is used for the measurement of coke, in the event of any dispute with buyers arising as to quantity. This measure, when heaped with the cone 6 inches high, contains 5·377 cubic feet by computation, being more than 10 per cent. above the Standard of 1824; and the chaldron of twelve of such sacks is of the capacity of 64·524 cubic feet. In fact from the competition amongst the several gas companies in the sale of their coke, even fuller measure than this is, as I am informed, continually given. At the large station at Beckton, where there is no competing seller, the quantity given per chaldron is that in accordance with the Act of 1824, viz., 58⅔ cubic feet.

But whatever may be the practice of the London Gas Companies in this respect, as giving even more than full measure to the public,

it is evident that from ambiguity in the construction of the law, there is a want of uniformity in the customary measure of the sack and chaldron in general dealings with the public, which ought for their due protection to be remedied either by an authoritative legal decision, or by an amendment of the law.

I cannot but think that it was a mistake to abolish heaped measure by the Acts of 1834 and 1835. From all the information which I have been able to obtain, heaped measure continues to be generally used throughout the country in spite of the provisions in these Acts against it. I have shown that heaped measure is still used for coke, and it is generally used for measuring fruit and vegetables. The attempt has thus failed to change the established usage of the country from time immemorial. It would in my opinion be expedient again to legalise heaped measure in accordance with the provisions of the Act of 1824, and to repeal the change made in 1834 and 1835.

urther ations of fections sting ts and res laws.

22. Amongst the subjects that have been brought under my notice during the past year by Inspectors of Weights and Measures, asking for information for their guidance, and pointing out the imperfections in the existing laws relating to the inspection of weights and measures, I may call attention to the following:—

The Inspector of Weights and Measures at Brentford reported to me that he had brought an information against a coal dealer for using an unjust balance, which he had fraudulently altered by placing a 4 lb. weight out of sight underneath the handle of a coal scoop, when weighing ½ cwt. of coals. The purchaser thus got 4 lbs. short weight. *When, however, the 4 lb. weight was removed, the balance was not unjust.* On this ground, *that the balance was not in itself unjust*, the magistrates at the Kensington Petty Sessions dismissed the case.

In my reply, I stated that according to the strict construction of the existing law, which empowers an inspector only to seize "an unjust balance," it was impossible for me to express an opinion that the magistrates were wrong in dismissing the case. I had, however, mentioned the case to the Chairman of Quarter Sessions in West Surrey, who said at once that he would certainly have convicted the man on the ground that he "had made the "4 lb. weight a part of the balance." I referred the inspector also to the following recommendation of the Standards Commission in their Fourth Report, p. 18:—

"It appears to us that there are material imperfections in the existing law, inasmuch as no power is given to an inspector *in Great Britain* to seize (except in the public streets), even an evidently fraudulent balance, nor to interfere in any way when fraud is practised in dealings with weights, measures, and balances provided these instruments are themselves correct."

In bringing this case under the notice of the Board of Trade as one of the many practical illustrations not only of the imperfections of the existing law, but also of the uncertainty of its administration, and also with the view of calling attention to the evils

caused by delay in carrying out the recommendations of the Standards Commission, I referred also to a somewhat similar case that occurred a few years ago, where a county Inspector of Weights and Measures looking through a shop window, observed the shopkeeper in the act of throwing one of the chains of the weight-scale over the beam, and thus giving short weight to a customer. The inspector waited till the goods were handed over to the customer and the money paid; but on his entering the shop, the man immediately seized the parcel of goods, shook them back into the drawers, and threw back the money to the customer, thus hoping to get rid of the evidence of the fraud. As the only means he had of punishing the offender, the inspector laid an information against him *for obtaining money under false pretences*, and the magistrates convicted the man and sentenced him to a month's imprisonment.

The county magistrate who convicted him called soon after at the Standards Office, and on my remarking to him that though he had dealt substantial justice, I was afraid he had somewhat overstrained the law, he replied that one of the judges had remarked to him that the county magistrates upon the whole gave very just decisions, *sometimes according to law and sometimes contrary to law!*

23. When the arrangements were being made for the Loan Exhibition of Scientific Apparatus at South Kensington, an invitation was sent to me, as the head of one of the scientific Departments of the Government, to form one of the general committee. This invitation was accepted by me, with the sanction of the Board of Trade. A considerable number of the scientific instruments of the Department, which could be conveniently spared for the period during which the exhibition was open, were lent by me for exhibition, and a detailed account of them, and of their scientific use, was drawn up by me for insertion in the general catalogue. I was, however, very properly precluded from sending any of the original Standards in my custody by the following resolution of the Standards Commission at their meeting of 10th July 1868:— 23. Loan E bition of Sc tific Appara

"That no Standard of original character, or otherwise important, be permitted to leave the Standards Office except for the purpose of comparison with other Standards by persons duly authorised to use them for the public service, and who will be responsible for their custody and care."

24. During the past year, it became my duty to call the attention of the Office of Works to the state of the ancient pyx chamber in the cloisters of Westminster Abbey, which is placed under my legal custody by sect. 16 of the Coinage Act, 1870. 24. State of ancient pyx chamber.

This ancient crypt, which forms a part of the Saxon or very early Norman substructure of the outbuildings of the Abbey, is certainly as old as the time of Edward the Confessor, and is believed to have been constructed in his reign. It has also been known as Edward the Confessor's chapel. The vaulted and

groined ceiling is supported by massive stone pillars, and the building is probably the very earliest Norman work in this country. The floor is paved with ancient coloured tiles.

After the conquest, this chamber was used as one of the king's treasuries, as a sacred place of deposit. The remains of an altar at the east end, and of a *piscina*, seem to indicate its original sanctity. There is, however, a tradition that what has the appearance of a stone altar is the tomb of Hugolin, the Confessor's chamberlain.

In 1303, the 31st year of King Edward I., the whole of the king's treasure was deposited in this ancient chamber, the entrance to which on the west or cloister side, was at that time, as now, secured by two massive doors with seven locks. During the king's absence in Scotland, when engaged in war, the northern wall of the chamber was broken through by some of the monks of Westminster Abbey, and the whole of the treasure carried off. It included four crowns, with the king's rings, sceptres, jewels, gold and silver coin and plate, &c. The greater part of the booty was, however, afterwards recovered, and the thievish monks tried and found guilty. The depositions at the trial still exist amongst our ancient records, but the actual punishment of the delinquents is not recorded, although there still remains some significant evidence of what may have been their doom, an old door on the northern side of the chamber, opening into the passage leading to the chapter house, having portions of a human skin still fastened to it. It would appear that in consequence of this robbery, the approach to the chamber on the north side was walled off, and the chamber was thus reduced one third in size.

After the Restoration, the regalia and other similar treasures of the sovereign were removed to the Tower. The chamber was then known as the "Treasury of Leagues," the original parchment documents of commercial leagues with foreign States being deposited here.

There are several large oak presses, some furnished with drawers, in which these leagues were kept, now remaining in the chamber. They bear inscriptions either on parchment or merely with chalk, such as "Temp. Edw. III$^{tii}$," "Francie," "Arragon," &c.

There are also several large ancient coffers or chests still remaining in the chamber, in one of which the Standard trial plates of gold and silver for trials of the pyx were formerly kept, whence the chamber became known as the "Pyx Chapel." Since the custody of these trial plates, and the duties relating to them, were imposed upon me, all the trial plates have been removed from the Pyx Chamber, and are now kept in the strong room of the Standards Office, in the same place of deposit as the national Standards of length and weight.

In fact, at the present time, there are no official documents or articles of any value kept in the Pyx Chamber. The interior is now in a very dirty and decayed state, nothing having been done to it, as I can myself testify, during my period of public service, now more than 51 years. I therefore pointed out to the Office

of Works how desirable it was that this ancient historical chamber, so interesting from its associations, and curious as a rare specimen of early Norman architecture in this country, should at least be put into decent condition, and any further decay arrested.

I suggested also that the series of old oak presses, more than four feet deep, which extend along the whole of the north and south walls, might be removed, as being now useless there. Until this is done, the dimensions of the chamber, and indeed the state of the walls, cannot be properly seen. It might then be considered whether it was advisable to restore the chamber to its original dimensions, by taking down the partition wall on the north side. The seven or eight ancient chests and coffers on the floor of the chamber might be cleaned up, repaired, and arranged, after the tiled floor had been put in proper condition. It would then remain for consideration what future use could be made of the chamber.

On subsequently inspecting the place with one of the surveyors of the Office of Works, who was placed in official communication with me for the purpose, he quite agreed on the propriety of some steps being taken for its restoration, and the matter is now left for the action of the Office of Works.

25. In order to ascertain the true weight of gold and silver, and their alloys, whether as regards coined moneys or the Standards by which weight their weight is regulated, the density or specific gravity of the metal must be determined. It has been therefore deemed advisable to determine with exactness the density not only of the Standard coin weights which regulate the legal weights of our gold coins at the Royal Mint, and are themselves of Standard gold, but also the density of some of our gold coins, as well as the density of the Standard trial plates for determining the justness of the fineness of our gold and silver moneys. A full account of the mode in which the determinations were made, and of the results, is contained in an appended paper. App. XII.

25. As to t
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density.

I have had several communications on this subject, both written and personal, with one of my colleagues at the International Metric Commission, and a distinguished man of science, Dr. J. O. Broch, Delegate from Norway, and Professor of mathematics at Christiania. He has given much attention to the density of gold coins, and the results of several of his determinations are included in the above-mentioned paper.

A contribution by him to a scientific periodical, published in Norway, contains also so much practical and useful information upon the scientific method of determining the density of a solid body, and its application to gold coins, that I have deemed it expedient to append also a translation of this paper. In it, App. XIII. Dr. Broch has expressed his opinion, and the grounds upon which he bases it, that the fineness of an alloy of gold and silver may be determined more readily and more accurately, and without injury to the coin, or other alloyed body tested, from its ascer-

tained density, than from a chemical analysis or assaying process, in which the coin or other alloyed body tested is necessarily melted and its form destroyed. It is proposed that some further experiments should be made by Dr. Broch and myself, with a view of obtaining further and more precise knowledge, as the inference to be legitimately drawn from the accurately-determined density of gold and silver alloys, and that these experiments should be carried out in conjunction with the scientific officers of the Royal Mint. Meanwhile the papers now published may be useful in drawing attention to this important subject.

Progress of truction of inter- ɔnal metric ıdards.

26. In my last Annual Report, mention was made of the result of the Diplomatic Conference held in Paris in March and April 1875, to make the requisite International arrangements in regard to the New Metric Standards, the construction of which was the object of the International Metric Commission, which held its first general meeting at Paris in September 1872. As stated in the Papers on the subject laid before Parliament in 1875 by Her Majesty's command, this Conference was attended by the representatives of 20 countries out of the 29 who took part in this Scientific Commission, viz. :—

| | |
|---|---|
| Germany, | Peru, |
| Austria and Hungary, | Portugal, |
| Belgium, | Russia, |
| Brazil, | Sweden and Norway, |
| Argentine Republic, | Switzerland, |
| Denmark, | Turkey, |
| Spain, | Venezuela ; together with |
| United States, N. America. | Great Britain, |
| France, | Holland, |
| Italy, | Greece ; |

and a Convention was entered into and signed by the Plenipotentiaries of the first-named 17 countries, for carrying the objects of the Conference by the establishment of a permanent International Metric Bureau at Paris, under the directions of an International Metric Committee, to whom were entrusted the definitive verification of the New Metric Standards, constructed by the French Section of the International Metric Commission, and the custody and use of the new metric prototypes.

It was also stated that the three last-named countries declined to take part in the Convention, and its objects.

The subsequent proceedings have been as follows :—

The formal meeting for the exchange of ratifications of the Convention of 20th May 1875, entered into between the several Governments, who became parties to the Convention by the signatures of their Plenipotentiaries, was held on 20th December 1875, under the terms of the Convention, and was attended by the representatives of 11 out of the 17 Governments contracting.

The following is a translation of the procès verbal of the

meeting at the Palace of Versailles, on 20th December 1875, for the exchange of ratifications of the Metric Convention.

There were present:—

For Germany: Count de Wesdehlen, Chargé d'Affaires.
Belgium: Baron Bergens, Envoy Extraordinary and Minister Plenipotentiary.
Denmark: Count Moltke-Hvidfeldt, Envoy Extraordinary and Minister Plenipotentiary.
Spain: Marquis de Molins, Ambassador Extraordinary and Plenipotentiary.
United States of America: Mr. Hitt, Chargé d'Affaires.
France: Duc Decazes, Minister for Foreign Affairs.
Italy: Chevalier Nigra, Envoy Extraordinary and Minister Plenipotentiary.
Peru: M. Pedro Calvez, Envoy Extraordinary and Minister Plenipotentiary.
Russia: M. Okouneff, Councillor of State, Councillor of Embassy.
Sweden and Norway: Baron Adelswärd, Envoy Extraordinary and Minister Plenipotentiary.
Switzerland: M. Kern, Envoy Extraordinary and Minister Plenipotentiary.
Turkey: Nasri Bey, Principal Secretary of Embassy.

Duc Decazes made the following communications:—

With regard to Austria and Hungary, the project of convention had been voted by the Chambers of Deputies of the two countries, but it had not yet been possible to submit it to the deliberations of the Chambers of Peers. Although this delay rendered it impracticable for the Austrian-Hungarian Government to co-operate in the immediate exchange of ratifications, the question of principle was in no way affected, and his Excellency Count Apponyi was authorised to declare in the most formal manner that his Government tacitly considered the Convention as entering on full force at the period fixed, and had no objection to the necessary steps being at once taken by the International Committee.

The Portuguese Government had not yet obtained the legislative sanction of Parliament, which was to re-assemble on 2nd January next; and the Government of the United States of America* was in like manner obliged to wait for the vote of the Senate, the session of which was about to open. A delay of about two months was therefore necessary for these two Governments to produce their ratifications.

The Argentine Republic and Venezuela requested also on

* I have since sending this to press been informed that a Bill to enable the United States to take part in the Convention was laid by the government before the Senate in the session of 1876, but no action was taken upon it by the Senate.—H. W. C., Sept. 1876.

both their parts the favour of a delay, the duration of which was not determined.

One only of the States whose Plenipotentiaries had signed the Convention, Brazil, had definitely decided not to take part in the common work.

In conformity with the clause inserted in the Protocol of the Conference of 15th April 1875, the delays requested by the several States were agreed to.

It was at the same time understood that these delays in no way affected Article 14 of the Convention which fixed the period of its coming into full force, and consequently of incurring liability for the pecuniary contributions in the proportions stated, from 1st January 1875, in regard to those of the contracting States who might at a later time exchange their ratifications, as well as to those who were ready at once to exchange them.

The exchange of the acts of ratifications between Germany, Belgium, Denmark, Spain, Italy, Peru, Russia, Sweden and Norway, Switzerland, Turkey, and France, were then made in accordance with the customary manner and as determined in the Protocol of the Conference of 20th May 1875.

The ulterior exchange of the postponed ratifications, as soon as they should be made, was to be brought to the cognizance of the several States contracting, by circular letter of the Minister of Foreign Affairs of France.

The signatures of the several diplomatic personages present were then attached to the *procès verbal.*

Meanwhile, by a law passed by the French Chamber in November 1875, a credit of 260,000fr. (10,400*l.*) was granted for the expenses of constructing the new International metric prototypes and Standards. In the project of law (published in the "Journal Officiel," 9th November 1875) it was recited that the total expenses were estimated at 307,500fr. (12,300*l.*). Of this sum a credit of 50,000fr. (2,000*l.*) had already been granted in 1873 towards the expenses of the necessary instruments and arrangements for their reception and working. Amongst these was the fitting up of a chamber to be kept at a constant temperature of 0°C., the normal temperature of the metric Standards, for the purpose of making their actual comparisons. Nearly the whole of the remaining sum of 257,500fr. was required for the cost of the material of the new Standards, this being an alloy of 90 per cent. of platinum and 10 per cent. of iridium. A contract had been made with an English firm, Messrs. Johnson and Matthey, for supplying these metals, the platinum at 1,000fr. (40*l.*) the kilogram, and the iridium at 950fr. (38*l.*), and it had become necessary to provide for payment of the cost. A credit of 260,000fr. was accordingly granted, leaving a small margin over the estimated sum required.

It was further recited in the project of law that it was important to observe that these credits were only to be considered as an

advance by the French Government; that the cost of each Standard would be repaid by the several Governments who had applied for them, so soon as the comparison and verification of the Standards required by them had been completed. When the accounts were settled, France would only have to bear the charge of those Standards which would become her property. Up to the existing time 39 mètres and 27 kilograms had been applied for, and it was probable that a total number of 50 mètres and 40 kilograms would eventually be required.

By the same law, the domain of the Pavillon de Breteuil, in the park of St. Cloud, in its existing state, with its dependencies, as described in the registered deed of transfer, dated 4th October 1875, was placed gratuitously at the disposal of the International Metric Committee for the operations of its permanent bureau, for such time as the bureau shall continue its functions. A copy of the deed of transfer is annexed to the project of law. It was also provided that the property should be exempt from contributions to the State during its occupation, under the terms of the deed of transfer.

I have since received a printed copy of the *procès-verbaux* of the meeting of the International Metric Committee at Paris in April 1876.

A considerable portion of the contributions from the several contracting Governments under the Convention of 20th May 1875, to provide both for the establishment of the permanent international metric bureau, and for the first year's expenditure of the committee, had been placed to their credit, and resolutions were passed by the committee for the reconstruction of the Pavillon Breteuil so as to adapt it for carrying on the administrative work of the committee, and for the necessary accommodation of the resident officers; as well as for the construction of a new adjacent building required for all the scientific apparatus and operations, including the deposit of the new international metric prototypes. Plans for this object had been prepared by the architect to the committee, and examined and approved by a sub-committee, the cost being estimated not to exceed 350,000fr. (14,000*l.*). The committee passed other resolutions authorising the construction of the various comparing and other apparatus, for which the remaining 50,000fr. (2,000*l.*) would be available.

The actual scale of contributions from the several contracting Governments was fixed as shown in the following table. The total population, multiplied in each case by the co-efficient 3 for those countries who had wholly adopted the metric system, by 2 where the metric system was permissive only, and by 1 where it was not adopted, formed a total product in round millions to be apportioned according to the several products of each country. The equivalents in even pounds of English money are here substituted for French francs, at 25 francs to the £ sterling.

TABLE of CONTRIBUTIONS from the contracting Governments towards the expenses of the International Metric Bureau.

| States. | Population. | Co-efficient. | Product in round Millions. | For Establishment of Bureau. Approximate Unit, 96*l* | Annual Expenditure. 1st Period 3,000*l*. Approximate Unit, 32*l* | Annual Expenditure. 2nd Period 2,000*l*. Approximate Unit, 21*l*. |
|---|---|---|---|---|---|---|
| | | | | £ | £ | £ |
| 1. Germany | 41,010,150 | 3 | 123 | 2,448 | 459 | 306 |
| 2. Austria | 20,136,983 | 3 | 60 | 1,192 | 223 | 149 |
| 2. Hungary | 15,508,873 | 3 | 47 | 936 | 176 | 117 |
| 3. Belgium | 5,953,821 | 3 | 18 | 360 | 60 | 40 |
| 4. Argentine Confederation | 2,000,000 | 2 | 4 | 80 | 15 | 10 |
| 5. Denmark | 2,000,000 | 1 | 2 | 48 | 9 | 6 |
| 6. Spain | 24,236,500 | 3 | 73 | 1,456 | 273 | 182 |
| 7. United States of America. | 38,925,598 | 2 | 78 | 1,559 | 291 | 194 |
| 8. France | 40,949,120 | 3 | 123 | 2,448 | 459 | 306 |
| 9. Italy | 26,801,154 | 3 | 80 | 1,600 | 300 | 200 |
| 10. Peru | 2,500,000 | 3 | 8 | 160 | 30 | 20 |
| 11. Portugal | 5,400,000 | 3 | 16 | 320 | 60 | 40 |
| 12. Russia | 76,500,000 | 1 | 77 | 1,536 | 288 | 192 |
| 13. Sweden | 4,241,550 | 1 | 4 | 80 | 15 | 10 |
| 13. Norway | 1,705,000 | 2 | 4 | 80 | 15 | 10 |
| 14. Switzerland | 2,669,147 | 2 | 5 | 96 | 18 | 12 |
| 15. Turkey | 39,000,000 | 2 | 78 | 1,559 | 291 | 194 |
| 16. Venezuela | 1,784,194 | 3 | 5 | 96 | 18 | 12 |
| | 350,805,191 | — | 803 | 16,000 | 3,000 | 2,000 |

Other resolutions were agreed to, relating to the internal regulations of the International Bureau, of which M. Govi was definitively appointed director by a unanimous vote.

Adoption metric m at the ritius.

21. Two Ordinances of the Governor and Council of the Mauritius, dated 28th December 1875, and transmitted to the Secretary of State for the Colonies, for confirmation by Her Majesty, provide for the introduction of the metric system into the Mauritius and its dependencies. The Ordinances were accompanied by a report from the Local Attorney General, stating as the grounds for these Ordinances, the want of uniformity in the existing legal weights and measures of the Colony, where the old French system, the metric system, and the Imperial system were all recognised by law and in concurrent use; and resolutions of the Chamber of Commerce, and of a Select Committee to which the subject was referred, together with the unanimous opinion in the Colony, that a uniform system should be authoritively adopted, and that it should be the metric system, with its decimal scale. As a further ground for this course, reference was made in the local report to the Imperial Act of 27 & 28 Vict. c. 117, for making the use of metric system permissive in this country, and to the Indian Act, No. 31 of 1871, for adopting the metric system

in India. In order to give sufficient time for making all the requisite preliminary arrangements, the Ordinances provide that they should not come into force, until such time as shall be notified by the Governor in Council, who is also empowered to make all the necessary regulations for the construction of the new metric Standards, and the verification and use of the new metric weights and measures. Metric equivalents of the several units of both the old French system and the Imperial system are appended to the two Ordinances.

The two Ordinances and the report, together with a third Ordinance for promoting the use of the metric system, and applying it to the levying of customs and excise duties, &c. were forwarded to the Board of Trade by the Colonial Secretary of State, and the opinion of the Board of Trade requested whether the Ordinances should properly be allowed to remain in operation. On the papers being referred to me, I pointed out that there was a direct precedent for the confirmation of the Ordinances in the Canadian Act, 34 Vict. c. 24, (mentioned in my Fifth Annual Report for 1870–1, p. 17,) in which a similar power on the Governor General in Council, "whenever he is of opinion that it has become necessary and desirable" to direct metric Standards to be provided and to make the necessary regulations for the verification and use of metric weights and measures in Canada; that although in point of fact neither the Indian nor the Canadian Act has yet become operative, and any further action with respect to them appeared to await the course which might be adopted by the Imperial Legislature, as to the use of metric weights and measures in this country, it nevertheless appeared to me to be clear that the right course would be for the Board of Trade to express their opinion that the Ordinances in question should be allowed to remain in operation, if the Secretary of State should so think fit to advise Her Majesty.

H. W. Chisholm,
Warden of the Standards.

7, Old Palace Yard,
1 August 1876.

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# APPENDICES.

## APPENDIX I.

(See Report, p. iii.)

LE of Number of Local Standards of Weights and Measures officially verified and reverified at the Standards Department in each Year since 31st March 1859.

| the Year ending st March. | Number of Standards verified for the First Time. | | | | | | | | Number reverified. | | | | | | | | Total Number verified and reverified. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Avoirdupois Weights. | Troy Weights. | Measures of Capacity. | Measures of Length. | Bullion Weights. | Total Number of Standards, excluding Gas Measures. | Number of new Sets of Standards, and of corresponding new Indentures. | Gas Measures. | Avoirdupois Weights. | Troy Weights. | Measures of Capacity. | Measures of Length. | Bullion Weights. | Total Number of Standards. | Number of old Sets of Standards, and of Indentures endorsed with Certificates of reverification. | Gas Measures. | |
| - - - | 795 | 60 | 144 | 15 | — | 1,014 | 20 | — | 1,487 | 90 | 1,098 | 103 | - | 2,778 | 157 | — | 3,792 |
| - - - | 539 | 15 | 67 | 9 | 27 | 657 | 22 | | 660 | 90 | 514 | 52 | - - | 1,316 | 73 | | 1,973 |
| - - - | 652 | 34 | 149 | 16 | — | 851 | 20 | 112 | 730 | 71 | 470 | 42 | 62 | 1,375 | 79 | | 2,338 |
| - - - | 564 | 1 | 127 | 10 | 30 | 732 | 23 | 40 | 611 | 15 | 434 | 38 | - - | 1,098 | 67 | | 1,870 |
| - - - | 519 | 10 | 52 | 6 | 30 | 617 | 17 | — | 729 | 40 | 325 | 35 | - - | 1,129 | 61 | | 1,746 |
| - - - | 430 | 30 | 34 | 2 | 90 | 586 | 12 | — | 683 | 10 | 188 | 15 | - - | 896 | 71 | | 1,482 |
| - - - | 507 | — | 8 | 9 | 50 | 574 | 15 | 1 | 750 | 45 | 277 | 25 | - - | 1,097 | 83 | | 1,672 |
| - - - | 561 | 35 | 90 | 14 | — | 700 | 17 | 5 | 827 | 132 | 329 | 30 | 60 | 1,378 | 70 | | 2,083 |
| - - - | 750 | 10 | 34 | 2 | — | 796 | 13 | 2 | 1,407 | 50 | 660 | 50 | - - | 2,167 | 147 | | 2,965 |
| - - - | 690 | 40 | 37 | 4 | 85 | 856 | 10 | 3 | 1,087 | 155 | 577 | 51 | 78 | 1,948 | 121 | | 2,807 |
| - - - | 559 | 60 | 78 | 10 | 22 | 729 | 23 | 5 | 809 | 30 | 404 | 36 | - | 1,279 | 142 | 1 | 2,014 |
| - - - | 735 | 94 | 39 | 2 | 112 | 982 | 41 | 4 | 950 | 86 | 644 | 61 | - | 1,741 | 96 | | 2,727 |
| - - - | 410 | 33 | 156* | 4 | 30 | 633 | 7 | — | 830 | 162 | 415 | 40 | 30 | 1,477 | 91 | | 2,110 |
| - - - | 732 | 45 | 181† | 4 | 30 | 992 | 17 | 2 | 1,038 | 45 | 523 | 40 | 120 | 1,766 | 146 | | 2,760 |
| - - - | 679 | 10 | 100‡ | 7 | 5 | 801 | 11 | — | 1,221 | 85 | 575 | 47 | 83 | 2,011 | 124 | | 2,812 |
| - - - | 573§ | 28 | 88§ | 5 | 7 | 701 | 13 | 3 | 791 | 54 | 388 | 36 | 60 | 1,329 | 87 | | 2,033 |
| - - - | 767 | 19 | 241¶ | 2 | 20 | 1,049 | 34 | — | 1,077 | 58 | 468 | 31 | 97 | 1,731 | 127 | | 2,780 |
| Total - | 10,462 | 524 | 1625 | 121 | 538 | 13,270 | 315 | 177 | 15,687 | 1218 | 8,289 | 732 | 590 | 26,516 | 1,742 | 1 | 39,964 |

| ich there substi- d to re- e old stan- s worn or viz. - - | | | | | | |
|---|---|---|---|---|---|---|
| 60 - - | 607 | — | 9 | 1 | — | 617 |
| 61 - - | 319 | — | 1 | 3 | — | 323 |
| 62 - - | 449 | 4 | 11 | 1 | — | 465 |
| 63 - - | 394 | — | 5 | — | — | 399 |
| 64 - - | 344 | 5 | 5 | 2 | — | 356 |
| 65 - - | 350 | 15 | — | — | — | 365 |
| 66 - - | 386 | — | 1 | — | — | 387 |
| 67 - - | 342 | 7 | 5 | 6 | — | 360 |
| 68 - - | 648 | 10 | 3 | — | — | 661 |
| 69 - - | 555 | 10 | 5 | 2 | — | 572 |
| 70 - - | 397 | — | 3 | — | — | 400 |
| 71 - - | 428 | 4 | — | 1 | — | 433 |
| 72 - - | 331 | 12 | — | — | — | 343 |
| 73 - - | 541 | — | 1 | 1 | — | 543 |
| 74 - - | 530 | 6 | 8 | 1 | 1 | 546 |
| 75 - - | 422 | 6 | 5 | — | — | 433 |
| 76 - - | 590 | 2 | 8 | — | 20 | 620 |
| | 7,633 | 81 | 70 | 18 | 21 | 7,823 |

Including 9 measures each of the bottle, ½ bottle, 4, 2, 1, and ½ fluid ounce, and 41 quarter-gill measures.
Including 70 of the new bottle and fluid ounce measures, and 64 quarter-gill measures.
Including 18 " " " 46 " "
Including 2 " " " 22 " " 4 postal weights, and 2 of decimal grain weights, 4,000 grains to 0·01 grain.
Including 20 quarter gill measures.

H. W. CHISHOLM,
Warden of the Standards.

andards Office,
1 June 1876.

# APPENDIX II.

(See Report, p. iv.)

TABLE of NUMBER of Local Standards of each description rejected as inadmissible for verification in the Standards Department, during the Year ending 31st March 1876; with their average errors as compared with the scale of errors allowed.

WEIGHTS.

| Denomination of Standards rejected. | Number of each Denomination rejected. | | Average Error, or actual Error if one Standard only rejected. | | Scale of Errors allowed. | |
|---|---|---|---|---|---|---|
| | For bad Workmanship. | For Errors. | In Excess. | In Deficiency. | In Excess. | In Deficiency. |
| Avoirdupois: | | | Grains. | Grains. | Grains. | Grains. |
| 56 lbs. - | 2 | 23 | 12·34 | 15·78 | 5 | 2·5 |
| 28 „ - | — | 10 | 15·36 | 25·40 | „ | „ |
| 14 „ - | 3 | 10 | 17·13 | 3·45 | „ | „ |
| 7 „ - | 3 | 14 | 16·39 | 1·60 | 2 | 1 |
| 4 „ - | 3 | 13 | 2·56 | 1·50 | „ | „ |
| 2 „ - | 3 | 1 | — | 2·80 | „ | „ |
| 1 „ - | 5 | 21 | 0·64 | 0·61 | 0·25 | 0·125 |
| 8 ozs. - | 2 | 10 | 0·28 | 0·27 | „ | „ |
| 4 „ - | 4 | 6 | 0·73 | 0·85 | „ | „ |
| 2 „ - | 4 | 5 | 1·55 | 0·23 | „ | „ |
| 1 „ - | 3 | 1 | 1·95 | — | „ | „ |
| 8 dms. - | 6 | 14 | 0·53 | 0·11 | 0·05 | 0·025 |
| 4 „ - | 10 | 9 | 0·67 | 0·14 | „ | „ |
| 2 „ - | 10 | 6 | 0·07 | 0·03 | „ | „ |
| 1 „ - | 12 | 22 | 0·07 | 0·04 | „ | „ |
| ½ „ - | 9 | 11 | 0·34 | 0·09 | „ | „ |
| Total - | 79 | 176 | | | | |
| Bullion: | | | | | | |
| 100 ozs. - | — | 2 | 2·325 | — | 0·25 | 0·125 |
| 50 „ - | — | 2 | 1·725 | — | „ | „ |
| 40 „ - | — | 2 | 1·150 | — | „ | „ |
| 30 „ - | — | 2 | 1·175 | — | „ | „ |
| 20 „ - | — | 2 | 0·525 | — | „ | „ |
| 10 „ - | — | 1 | 0·480 | — | 0·025 | 0·0125 |
| 5 „ - | — | 1 | 0·110 | — | „ | „ |
| 3 „ - | — | 1 | 0·150 | — | „ | „ |
| 2 „ - | — | 1 | — | 0·030 | „ | „ |
| 1 „ - | — | 1 | — | 0·009 | 0·005 | 0·0025 |
| 0·5 „ - | — | 2 | — | 0·034 | „ | „ |
| 0·4 „ - | — | 3 | — | 0·067 | „ | „ |
| 0·3 „ - | — | 2 | — | 0·040 | „ | „ |
| 0·2 „ - | — | 2 | — | 0·085 | „ | „ |
| 0·1 „ - | — | 2 | — | 0·045 | „ | „ |
| 0·05 „ - | — | 3 | 0·010 | 0·012 | „ | „ |
| 0·04 „ - | — | 1 | 0·015 | — | „ | „ |
| 0·03 „ - | — | 2 | 0·007 | 0·007 | „ | „ |
| 0·02 „ - | — | 1 | 0·008 | — | „ | „ |
| 0·01 „ - | — | 1 | 0·006 | — | „ | „ |
| 0·005 „ - | — | 1 | — | 0·010 | „ | „ |
| 0·004 „ - | 1 | 2 | 0·012 | — | „ | „ |
| Total - | 1 | 37 | | | | |

| Denomination of Standards rejected. | Number of each Denomination rejected. | | Average Error, or Actual Error if one Standard only rejected. | | Scale of Errors allowed. | |
|---|---|---|---|---|---|---|
| | For bad Workmanship. | For Errors. | In Excess. | In Deficiency. | In Excess. | In Deficiency. |
| | | | Grains. | Grains. | Grains. | Grains. |
| Troy : | | | | | | |
| 12 ozs. - | 1 | 5 | — | 0·16 | 0·1 | 0·05 |
| 6 „ - | — | 1 | — | 0·31 | „ | „ |
| 3 „ - | — | 1 | — | 0·15 | „ | „ |
| 2 „ - | — | 1 | — | 0·06 | „ | „ |
| 5 dwt. - | — | 1 | — | 0·83 | 0·05 | 0·025 |
| 2 „ - | 1 | — | — | — | „ | „ |
| 1 „ - | 1 | — | — | — | „ | „ |
| 12 grains - | — | 1 | — | 0·02 | 0·025 | 0·0125 |
| 6 „ - | 1 | — | — | — | „ | „ |
| 3 „ - | 1 | — | — | — | „ | „ |
| 2 „ - | 2 | — | — | — | „ | „ |
| 1 „ - | 2 | — | — | — | „ | „ |
| Total - | 9 | 10 | | | | |
| Coin - - | — | 13 | — | — | 0·002 | 0·001 |

MEASURES.

| Denomination of Standards rejected. | Number of each Denomination rejected. | | Average Error, or actual Error if one Standard only rejected. | | Scale of Errors allowed. |
|---|---|---|---|---|---|
| | For bad Workmanship. | For Errors. | In Excess. | In Deficiency. | In Excess and in Deficiency. |
| | | | Grains Weight of Water. | Grains Weight of Water. | Grains Weight of Water. |
| Capacity : | | | | | |
| Bushel - - | 5 | 3 | 295 | 420 | 280 |
| ½ „ - - | 2 | 2 | 150 | 150 | 140 |
| Peck - - | 2 | 2 | — | 100 | 70 |
| Gallon - - | 1 | 4 | — | 73·5 | 50 |
| ½ gallon - - | 1 | 3 | 34·5 | 27 | 25 |
| Quart - - | 4 | 1 | 17 | — | 10 |
| Pint - - | 4 | 4 | 14·8 | — | 10 |
| ½ pint - - | 9 | 2 | 10·8 | — | 8 |
| Gill - - | 9 | 2 | 9·3 | — | 8 |
| ½ „ - - | 4 | 2 | 4·9 | — | 4 |
| ¼ „ - - | 2 | — | — | — | 2 |
| Total - | 43 | 25 | | | |
| Length : | | | | | Inch. |
| Yard - - | 8 | — | — | — | 0·01 |

H. W. Chisholm,
Warden of the Standards.

Standards Office,
1 June 1876.

## APPENDIX III.

(See Report, p. iv.)

LIST of PLACES in the United Kingdom, for which copies of the Imperial Standards (exclusive of Troy Weights) have been officially verified, but have not been duly reverified within the Periods prescribed by law ; *made up to 31st March* 1876.

| County. | Place. | Date of last Verification. | | |
|---|---|---|---|---|
| | | Avoirdupois Weights. | Measures | |
| | | | of Capacity. | of Length. |
| | **ENGLAND.** | | | |
| Berks - | Abingdon, Borough - | 1870 | — | — |
| Bucks - | Chipping Wycombe, Borough | 1870 | 1862 | 1862 |
| Cambridge - | County* - - - | — | 1858 | 1858 |
| Chester - | County - - - | 1869 | No bushel to ½ gallon. | — |
| ,, - | Congleton, Borough - - | — | — | 1863 |
| ,, - | Macclesfield, Borough - | 1870 | — | — |
| Cornwall - | Callington, Borough - | 1867 | — | — |
| ,, - | Calstock, Manor - - | 1868 | — | — |
| ,, - | Falmouth, Borough - - | — | — | 1860 |
| ,, - | Helstone, Borough - - | 1867 | — | — |
| ,, - | Liskeard, Borough - - | 1867 | No bushel to gallon. | 1860 |
| ,, - | Lostwithiel, Borough - | 1870 | — | — |
| ,, - | Penryn, Corporation - | 1835 | 1835 | — |
| ,, - | Penzance - - - | 1870 | Peck to ½ gall. 1826. | — |
| ,, - | Truro, Borough - - | — | — | 1826 |
| Cumberland - | Workington, Town - - | 1870 | — | — |
| Derby - | Derby, Borough - - | — | 1865 | 1842 |
| ,, - | Glossop, Market - - | — | 1845 | 1845 |
| Devon - | Bideford, Borough - - | 1860 | 1860 | 1860 |
| ,, - | Bradninch, Borough - | 1863 | 1863 | 1863 |
| ,, - | Chumleigh, Borough - | 1867 | — | — |
| ,, - | Ilfracombe, Borough - | 1863 | 1863 | — |
| ,, - | Molton, South, Liberty - | — | — | 1862 |
| ,, - | Tiverton, Borough - - | 1858 | 1858 | 1858 |
| Dorset - | Lyme Regis - - - | 1864 | 1864 | 1864 |
| ,, - | Weymouth, Corporation - | 1869 | — | — |
| Durham - | Gateshead, Borough - | 1846 | 1846 | 1846 |
| ,, - | Stockton, Borough - - | 1866 | 1866 | 1848 |
| Essex - | Harwich, Borough - - | 1868 | — | — |
| ,, - | Maldon, Borough - - | — | — | 1861 |
| ,, - | Saffron Walden, Borough - | — | — | 1859 |
| Hants - | Southampton, County - | — | — | 1860 |
| ,, - | Andover, Borough - - | 1860 | 1860 | 1860 |
| ,, - | Portsmouth, Borough - | 1866 | — | — |
| ,, - | Winchester, City - - | 1870 | — | — |
| Hereford - | Leominster, Borough - | 1867 | — | — |
| Hertford - | County - - - | — | — | 1858 |
| | Cheshunt, Manor - - | 1856 | 1826 | 1826 |
| Huntingdon - | Huntingdon, Borough - | — | 1863 | 1834 |
| Kent - | Deal - - - | 1826 | 1826 | — |
| ,, - | Gravesend, Borough - | 1870 | — | — |
| ,, - | Hythe, Borough - - | — | — | 1861 |

* Exclusive of the Isle of Ely.

| County. | Place. | Date of last Verification. | | |
|---|---|---|---|---|
| | | Avoirdupois Weights. | Measures of Capacity. | Measures of Length. |
| Lancaster | Bury Market, Manor | 1866 | 1866 | 1866 |
| „ | Bolton, Borough | 1870 | — | — |
| „ | Clitherhoe, Borough | 1870 | — | — |
| „ | Preston, Borough | 1870 | 1866 | 1866 |
| „ | Staleybridge, Borough | — | 1863 | 1863 |
| Lincoln | City and County of Lincoln | — | — | 1839 |
| Middlesex | Paddington, St. Mary's Parish | 1868* | — | — |
| „ | Islington, St. Mary's, Parish | — | 1862 | 1830 |
| Monmouth | Monmouth, Borough | — | — | 1862 |
| Northampton | Daventry, Borough | 1869 | — | — |
| Northumberland | Tynemouth, Borough | — | — | 1862 |
| „ | Corbridge, &c., Manors | 1852 | 1852 | — |
| Nottingham | County | — | — | 1859 |
| „ | Newark, Borough | 1868 | — | — |
| Oxford | Banbury, Borough | 1868 | — | — |
| „ | Oxford, City | 1870 | — | — |
| Salop | Bridgnorth, Borough | 1870 | — | — |
| „ | Oswestry, Borough | 1866 | — | — |
| „ | Shrewsbury, Borough | 1871 | — | — |
| „ | Wenlock, Borough | 1870 | 1865 | 1865 |
| Somerset | Yeovil, Borough | 1859 | 1859 | 1859 |
| Stafford | Bilston, Market | 1849 | 1849 | No Yard verified. |
| „ | Wolverhampton, Corporation | 1869 | — | — |
| Suffolk | Aldeburgh, Borough | — | — | 1826 |
| „ | Orford, Borough | 1871 | — | — |
| Surrey | Guildford, Borough | 1870 | — | 1856 |
| „ | Reigate | 1870 | — | — |
| „ | Streatham, Parish | 1828 | 1828 | No Yard. |
| Sussex | Brighton, Town | 1870 | 1864 | 1844 |
| „ | Chichester, City | 1871 | — | — |
| Warwick | Stratford-on-Avon, Borough | 1867 | — | — |
| „ | Warwick, Borough | 1868 | 1861 | 1861 |
| Wilts | County | 1871 | — | 1860 |
| „ | Devizes, Borough | — | — | 1846 |
| Yorkshire | Honley and Slaithwaite, Manor | 1856 | 1856 | — |
| „ | Scarborough, Corporation | — | 1864 | 1864 |
| „ | York, City | 1870 | — | — |
| | **Wales.** | | | |
| Anglesey | County | 1870 | — | — |
| Carmarthen | County of the Borough | 1859 | 1859 | 1859 |
| „ | Kidwelly, Borough | — | — | 1860 |
| Carnarvon | County | 1870 | — | — |
| Flint | County | — | 1864 | 1864 |
| „ | Flint, Borough | 1861 | 1861 | 1861 |
| Pembroke | Tenby, Borough | 1862 | 1862 | 1862 |
| Radnor | County | 1870 | — | — |
| | **Scotland.** | | | |
| Argyle | Campbeltown, Burgh | 1868 | 1826 | 1826 |
| Ayr | Kilmarnock, Burgh | 1870 | — | — |
| Berwick | County | 1870 | — | — |
| Bute | „ | 1825 | 1825 | 1825 |
| Caithness | „ | — | — | 1861 |
| Cromarty | „ | 1826 | 1826 | 1826 |

* Probably transferred to county, but no official notification made to Standards Department.

| County. | Place. | Date of last Verification. | | |
|---|---|---|---|---|
| | | Avoirdupois Weights. | Measures. | |
| | | | of Capacity. | of Length. |
| Dumfries - | Annan, Burgh - | — | — | 1863 |
| „ - | Dumfries, Burgh - - | — | — | 1826 |
| „ - | Sanquhar, Royal Burgh - | 1869 | — | 1869 |
| Edinburgh - | County - | — | — | 1860 |
| „ - | Edinburgh, City - - | — | 1866 | — |
| Fife - - | Anstruther, Royal Burgh - | 1863 | 1863 | 1863 |
| „ - - | Burntisland, Royal Burgh - | 1860 | 1860 | 1860 |
| „ - - | St. Andrews, City - - | — | — | 1859 |
| Forfar - | County - - - | 1869 | 1864 | 1864 |
| „ - - | Brechin, Royal Burgh - | 1826 | 1826 | 1826 |
| Haddington - | County - - - | 1870 | — | 1860 |
| Isles of Orkney and Zetland. | Lordship of Zetland - | 1866 | — | — |
| Kinross - | County - - - | 1867 | — | 1826 |
| Lanark - | „ - - - | 1866 | 1860 | 1860 |
| Peebles - | Peebles, Royal Burgh - | — | — | 1860 |
| Renfrew - | County - - - | — | 1866 | 1866 |
| „ - | Paisley, Burgh - - | 1870 | — | — |
| „ - | Renfrew, Burgh - - | 1860 | 1860 | 1860 |
| Ross - - | County - - - | 1868 | — | — |
| „ - - | Tain, Royal Burgh - - | 1860 | 1860 | 1860 |
| Stirling - | County - - - | 1869 | — | — |
| „ - | Stirling, Burgh - - | 1870 | — | — |
| Wigtown - | County - - - | — | — | 1826 |
| „ - | Stranraer, Burgh - - | 1867 | — | — |

## Ireland.

| | | | | |
|---|---|---|---|---|
| Antrim - | Council of the Borough of Belfast. | — | — | 1848 |
| „ - | County - - - - | 1867 | — | 1859 |
| Armagh - | „ - - - | 1868 | — | — |
| Carlow - | „ - - - | 1862 | 1862 | 1862 |
| Cavan - | „ - - - | 1868 | 1863 | 1863 |
| Clare - | „ - - - | 1856 | 1856 | 1856 |
| Cork - | „ - - - | — | — | 1861 |
| „ - | Cork, City - - - | 1867 | — | 1861 |
| Donegal - | County - - - | 1862 | 1862 | 1862 |
| Fermanagh - | „ - - - | 1868 | 1863 | 1863 |
| Galway - | „ - - - | 1868 | — | — |
| Kerry - | „ - - - | 1863 | 1861 | 1861 |
| Kildare - | „ - - - | 1867 | 1861 | 1861 |
| Kilkenny - | „ - - - | — | — | 1862 |
| Limerick - | „ - - - | 1867 | 1861 | 1835 |
| „ - | City, Corporation - - | 1861 | 1861 | 1826 |
| Londonderry - | County - - - | 1867 | 1862 | 1862 |
| Meath, West - | „ - - - | 1861 | 1861 | 1861 |
| Roscommon - | „ - - - | 1864 | 1864 | 1864 |
| Sligo - - | „ - - - | — | — | 1862 |
| „ - | Sligo, Borough - - | — | 1862 | 1862 |
| Tipperary - | County - - - | — | — | 1860 |
| Waterford - | „ - - - | 1828 | 1828 | 1828 |
| „ - | County of the City - - | 1868 | 1861 | 1861 |
| Wexford - | County - - - | 1868 | — | — |
| „ - | Corporation of City - - | 1861 | 1861 | 1861 |

SUMMARY of PLACES having no LEGAL STANDARDS.

| Places. | Standard Avoirdupois Weight. | Standard Measures | |
|---|---|---|---|
| | | of Capacity. | of Length. |
| England: Counties - - - | 2 | 1 | 3 |
| „ Boroughs, &c. - - - | 56 | 30 | 36 |
| Wales: Counties - - - | 3 | 1 | 1 |
| „ Boroughs - - - | 3 | 3 | 4 |
| Scotland: Counties - - - | 9 | 5 | 10 |
| „ Boroughs, &c. - - - | 12 | 7 | 10 |
| Total Great Britain - - | 85 | 47 | 64 |
| Ireland: Counties - - - | 16 | 12 | 17 |
| „ Boroughs, &c. - - - | 4 | 1 | 6 |
| Total United Kingdom - | 105 | 60 | 87 |

W. H. CHISHOLM,
Warden of the Standards.

Standards Office,
1 July 1876.

## APPENDIX IV.

(See Report, p. ix.)

REVERIFICATION of the STANDARD WEIGHT of 62·321 lbs., the LEGAL WEIGHT of a CUBIC FOOT of WATER; and of its OFFICIAL COPIES; and of the GAS MEASURING STANDARDS.

CONTENTS.


| | Page |
|---|---|
| 1. Reverification of Standard weights of 63·321 lbs. - - - - | 8 |
| 2. „ Standard cubic foot bottle - - - - | 10 |
| 3. „ Standard gas measures of 1, 5, and 10 cubic feet - - | 11 |


Reverification of Standard weight of 62·321 lbs.

The reverification of the Standard weight of 62·321 lbs., the legalized weight of a cubic foot of water, became necessary as preliminary to the required reverification of the gas measuring Standards, as this Standard weight forms the basis of the verification of the Standard cubic foot bottle, from which all the gas measuring Standards are derived.

The Standard cubic foot bottle represents the measure of a cubic foot, containing 62·321 lbs. of distilled water, weighed in air at the temperature of 62° Fahr. and at the barometric pressure of 30 inches, which is the legal unit of measurement for the sale of gas, as declared in the Sale of Gas Act, 1859, 22 & 23 Vict. c. 66. It is at this temperature and barometric pressure that the actual weight of the Standard 62·321 lbs. and of its official copies, when weighed in air, is to be determined.

The Standard cubic foot weight, with its three official copies, was last reverified in 1870, and an account of their reverification is contained in Appendix V. to the Fifth Report of the Standards Commission, p. 65. The Standard was designated as No. 1, and its three copies, as Nos. 2, 3, and 4. Of these copies No. 4 was presented by the French Government in 1871. (See Sixth Annual Report of the Warden of the Standards, p. 14.) Nos. 1, 2, and 3, therefore, only remain to be reverified. They are made of hard gun-metal and are cylindrical in form with a knob.

They have now been reverified by comparison with the same bullion Standards that were used for their original verification in 1859, and for their reverifications in 1868 and 1870. These comparisons have been checked by further comparisons with the Avoirdupois Standard weights, R, or reference Standards.

The ascertained values of these comparing Standard weights, when weighed in air under the stated conditions, is given in each of the following comparisons:

COMPARISONS of STANDARD WEIGHTS of 62·321 lbs. (=436,247 grains).

| No. of Comparison. | Date. | No. of Standard Weight Compared. | Comparing Standards. | Difference of Compared Standards. |
|---|---|---|---|---|
| | | | | gr. |
| (1.) | 1875. Oct. 19 | No. 1 | ≏ Bullion Standards, 500+400+5+3+0·5+0·3+0·05 +0·01+0·005 Troy oz.(=436,254·003 gr.) | −0·905 |
| (2.) | „ 21 | „ | ≏ Avoirdupois Standards, R, 56+4+2 lbs. +4+1 oz. + 2 dr. +10·5 gr. (=436,252·787 gr.) | −1·078 |
| (3.) | „ 22 | No. 2 | ≏ Bullion Standards, 500+300+100+5+3+0·5+0·3 +0·05+0·01 Troy oz. (=436,251·731 gr.) | −0·246 |
| (4.) | „ „ | „ | ≏ No. 1 - - - - - - - - - | −0·746 |
| (5.) | „ 21 | No. 3 | ≏ Avoirdupois Standards, R, 56+4+2 lbs. +4+1 oz. + dr + 10 gr. (=436,252·288 gr.) | −2·352 |
| (6.) | „ 22 | „ | ≏ Bullion Standards, 500+300+100+5+3+0·5+0·3+0·05 +0·005 Troy oz. (=436,249·334 gr. | +0·875 |

RESULTS of COMPARISONS of STANDARD 62·321 lbs.

| | | gr. | | gr. |
|---|---|---|---|---|
| From (1.) | No. 1 = | 436,253·098, | or ascertained error = | +6·098 |
| (2.) | „ = | 436,251·710 | „ „ = | +4·710 |
| | Mean | 436,252·404 | „ „ = | +5·404 |
| (3.) | No. 2 = | 436,251·977 | „ „ = | +4·977 |
| (5.) | No. 3 = | 436,249·936 | „ „ = | +2·936 |
| (6.) | „ = | 436,250·209 | „ „ = | +3·209 |
| | Mean | 436,250·073 | „ „ = | +3·073 |

Check weighing

| | | |
|---|---|---|
| (4.) | No. 2 = No. 1 - - - | −0·746 |
| (1.)(2.)(3.) | „ = „ - - - | −0·427 |

The following table shows the errors of the three Standard weights of 62·321 lbs. thus ascertained, as compared with the results of the comparisons in 1870, after they were readjusted :

| Standard 62·321 lbs. | Error in 1875. | Error in 1870. | Difference in 1875. |
|---|---|---|---|
| | gr. | gr. | gr. |
| No. 1 | +5·404 | +0·394 | +5·010 |
| No. 2 | +4·977 | +0·736 | +4·241 |
| No. 3 | +3·073 | +0·535 | +2·538 |

The three weights have consequently increased in weight, doubtless from oxidation of their large surfaces. They do not, however, require to be now re-adjusted, as their small ascertained errors can be allowed for in comparisons made with them.

The weight No. 1 is the Standard to be used for comparing the Standard cubic foot bottle required for the reverification of the gas measuring Standards.

2. Reverification of Standard cubic foot bottle.

The account of the reverification in 1869 of the official Standard cubic foot bottle is given at p. 134 of Appendix VIII. to the Fifth Report of the Standards Commission. It is distinguished as cubic foot bottle No. 2, and was used as the basis of reverification of the three Standard gas measures of 1, 5, and 10 cubic feet. It was reverified by comparing the weight of its contents of water with the Standard cubic foot weight No. 2, by weighing in Kater's large balance, and a similar course has now been pursued in its comparison with the Standard weight No. 1.

The mean result of the comparisons in April 1876 are as follows :

Ascertained weight of contents of distilled water in Standard cubic foot bottle No. 2 - - - = 436,421·4 grains.
Equivalent cubic measurement - = 1·0003997 cubic foot.

The weight of distilled water at the Standard temperature and pressure has here been found equal to 62·346 lbs., showing an error in excess of 0·025 lb. (= 174·4 gr.) This error is equivalent to an excess of capacity of 0·0003997 cubic foot, or, as a cubic foot contains 1,728 cubic inches, to 0·69 cubic inch.

The results as compared with those of 1869 are as follows :

ASCERTAINED ERRORS of STANDARD in CUBIC FOOT BOTTLE in 1876 and in 1869.

| — | In Grains. | In parts of a Cubic Foot. | In parts of a Cubic Inch. |
|---|---|---|---|
| In 1876 | 174·4 | 0·0003997 | 0·690 |
| In 1869 | 160·2 | 0·0003670 | 0·634 |
| Excess in 1876 | + 14·2 | 0·0000327 | 0·056 |

A full description of the gas measuring Standards, and of the mode of the original verification in 1859 and of their reverification in 1869, is given in the before-mentioned paper, Appendix VIII. to the Fifth Report of the Standards Commission, together with an explanation of the scientific method of making corrections for expansion by heat, for atmospheric pressure, and for elastic force of aqueous vapour. Precisely a similar mode of reverifying these Standard gas measures has now been adopted.

3. Reverification of Standard gas measures of 1, 5, and 10 cubic feet.

It will be sufficient therefore to state the following results of the comparisons now made for the reverification of these Standard gas measures:

RESULTS of COMPARISONS of STANDARD GAS MEASURES or GASHOLDERS of the CAPACITY of 1, 5, and 10 CUBIC FEET.

| No. | Date of Comparison. | Part of Scale of Gasholder now compared. | Ascertained capacity of Gasholder. | Temperature. Air. | Temperature. Water. In Gasholder. | Temperature. Water. In Bottle. | Barometer reduced to 32° F. |
|---|---|---|---|---|---|---|---|
| | | | | | | | |
| **1-FOOT GASHOLDER.** | | | | | | | |
| | 1875. | Cubic foot. | Cubic ft. | F. ° | F. ° | F. ° | In. |
| 1 | Nov. 25 | 0.....1 foot = | 0·9975 | 62·5 | 62·0 | 62·1 | 30·00 |
| 2 | „ „ | „ „ = | 0·9974 | | | | |
| 3 | „ „ | „ „ = | 0·9974 | | | | |
| 4 | „ 28 | „ „ = | 0·9975 | 62·0 | 62·0 | 62·1 | „ |
| 5 | „ „ | „ „ = | 0·9974 | | | | |
| 6 | „ „ | „ „ = | 0·9975 | | | | |
| | | Mean = | 0·9975 | 62·25 | 62·0 | 62·1 | 30·00 |
| **5-FEET GASHOLDER.** | | | | | | | |
| | 1876. | | | | | | |
| 7 | May 16 | 0.....5 feet = | 5·0040 | 63·0 | 61·9 | 61·9 | 30·01 |
| 8 | „ 18 | „ „ = | 5·0080 | 63·0 | 62·0 | 62·2 | 30·08 |
| 9 | „ „ | „ „ = | 5·0010 | 63·0 | 62·0 | 61·9 | 30·08 |
| 10 | „ 20 | „ „ = | 5·0025 | 61·6 | 61·7 | 61·5 | 30·30 |
| 11 | „ „ | „ „ = | 4·9995 | 62·0 | 61·7 | 61·7 | 30·30 |
| | | Mean = | 5·0030 | 62·5 | 61·9 | 61·8 | 30·15 |
| **10-FEET GASHOLDER.** | | | | | | | |
| | 1876. | | | | | | |
| 12 | March 24 | 0.....10 feet = | 9·9908 | 62·5 | 62·4 | 62·2 | 29·63 |
| 13 | „ „ | „ „ = | 10·0183 | 63·5 | 63·4 | 63·4 | 29·66 |
| 14 | „ 27 | „ „ = | 10·0056 | 62·6 | 62·0 | 62·0 | 29·37 |
| 15 | „ 28 | „ „ = | 10·0132 | 62·3 | 62·0 | 62·0 | 29·36 |
| 16 | „ „ | „ „ = | 10·0270 | 62·9 | 62·0 | 62·0 | 29·15 |
| | | Mean = | 10·0110 | 62·8 | 62·4 | 62·3 | 29·43 |

The mean capacities and errors of the several cubic feet, or subdivisions of the scales of the 10 feet and 5 feet standards, ($t = 62°$ F. $b = 30$ inches) have been now found to be as follows :

COMPARISONS of each CUBIC FOOT; 10-FEET GASHOLDER.

| Reading of Right-hand Graduation of Scale. | Capacity. | Error. |
|---|---|---|
| | Cubic feet. | Cubic feet. |
| 0 ... 1 = | 0·9953 | −0·0047 |
| 1 ... 2 = | 1·0022 | +0·0022 |
| 2 ... 3 = | 1·0011 | +0·0011 |
| 3 ... 4 = | 1·0037 | +0·0037 |
| 4 ... 5 = | 0·9991 | −0·0009 |
| 5 ... 6 = | 1·0023 | +0·0023 |
| 6 ... 7 = | 1·0022 | +0·0022 |
| 7 ... 8 = | 1·0006 | +0·0006 |
| 8 ... 9 = | 1·0027 | +0·0027 |
| 9 ...10 = | 1·0018 | +0·0018 |
| Total capacity of 10-ft. Standard = | 10·0110 | +0·0110 |
| 10 ...11 = | 1·0020 | +0·0020 |

COMPARISONS of each CUBIC FOOT; 5-FEET GASHOLDER.

| Cubic Foot compared. | Capacity. | Error. |
|---|---|---|
| | Cubic feet. | Cubic feet. |
| 0 ... 1 = | 1·0002 | +0·0002 |
| 1 ... 2 = | 1·0010 | +0·0010 |
| 2 ... 3 = | 1·0004 | +0·0004 |
| 3 ... 4 = | 0·9999 | −0·0001 |
| 4 ... 5 = | 1·0015 | +0·0015 |
| Total capacity of 5-ft. Standard = | 5·0030 | +0·0030 |

As the difference of the observed temperature from the normal temperature of 62° Fahr. during these comparisons was very small, no correction for expansion by heat and moisture appeared to be required, as affecting the ascertained capacity of these gasholders stated above, nor any correction for barometric pressure. The true capacities of these Standards at their legal normal temperature of 62° Fahr. and barometric pressure of 30 inches may consequently be taken as there found, viz. :—

| — | Capacity: Right-hand Graduation. | Error: Right-hand Graduation. |
|---|---|---|
| | Cubic feet. | Cubic foot. |
| 10 feet, 0 ... 10 = | 10·0110 | +0·0110 |
| 5 feet, 0 ... 5 = | 5·0030 | +0·0030 |
| 1 foot, 0 ... 1 = | 0·9975 | −0·0025 |

The *right-hand* graduation of the scale of each Standard is that part of the scale which has been now verified. Consequently when the "bell" of each Standard is in its lowest position the reading of the scale is 0.

If, however, the left-hand graduation of the 10-foot gasholder scale is read, then the capacity and error of this Standard will be as follows:

10 feet, 10...0 = 10·0177 cubic foot or +0·0177 cubic foot.

The results of this reverification as compared with the reverification in 1869 are as follows:

| — | Ascertained Errors in parts of a Cubic Foot. | | |
|---|---|---|---|
| | In 1876. | In 1869. | Difference in 1876. |
| 1 cubic foot gas measure | −0·0025 | −0·0005 | −0·0020 |
| 5 cubic feet „ - | +0·0030 | −0·0066 | +0·0096 |
| 10 cubic feet „ - | +0·0110 | −0·0249 | +0·0359 |

It is however to be observed that the three Standard gas holders were readjusted and put into complete working order in 1875.

The error allowed in comparisons with these gas measuring Standards is $\frac{1}{200}$th, or $\frac{1}{2}$ per cent., over or under, and consequently for each denomination as follows:

1 cubic foot gas measure 0·005 cubic foot in excess or in deficiency.
5 cubic feet „ 0·025 „ „
10 cubic feet „ 0·050 „ „

In all comparisons with these gas measuring Standards, allowance will be made for their ascertained errors, which, as may be seen, are far within the errors allowed on local gas measuring Standards.

H. W. Chisholm,
Warden of the Standards.

Standards Office,
31st May 1876.

# APPENDIX V.

(See Report, p. xvii.)

VERIFICATION of the DEFINING LINES on GOLD STUDS of the STANDARD SUBDIVIDED 10-FEET MEASURE, and REVERIFICATION of the COMMERCIAL STANDARD 10-FEET and 6-FEET MEASURES.

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1. Original verification of the standard 10-feet bed and line measures.

1. An account of the original verification of the commercial Standard 10-feet measure, both as a bed measure and a line measure, so far as concerns the defining lines marked on the upper edge of the surface of the steel bar, is contained in Appendix XX. to the Fifth Report of the Standards Commission, 1870.

2. Defining lines on gold studs since added.

2. This measuring bar was originally constructed only as a commercial Standard of length. But it was stated in the above-mentioned paper (p. 234), that it was proposed to make it available also as a scientific line-Standard, by having defining lines marked on gold studs in wells sunk to half the height of the bar, in the same manner as the defining lines of the Imperial Standard, and thus to define not only the total length but also intermediate distances.

This proposal has since been carried into effect, defining lines having been marked on gold studs at the following distances, 0, 1, 4, 5, 7, 10 feet; and it remained only to verify these defining lines, and to determine with accuracy the length of the several measures in terms of the Imperial Standard yard.

3. Mode of verifying lengths defined on gold studs.

3. The verification has been carried out in a similar manner to that of the Standard 10-feet bar constructed for the Government of Canada, referred to in S. 5 of my Ninth Annual Report.

The several measures on the 10-feet bar have now been compared with the following Standards:—

The bronze subdivided Standard yard SS., and its intermediate feet.

The cast-iron line-Standard yard No. 63.

The Standard length of each of the comparing measures at the normal temperature of 62° F. is as follows:—

| | | in, | |
|---|---|---|---|
| Bronze SS. 0—1 foot | = | 11·99997005 | (Appendix VII. to Fifth Rep. of Stand. Com., p. 108.) |
| ,, 1—2 ,, | = | 11·99997985 | |
| ,, 2—3 ,, | = | 11·99995960 | |
| The whole yard | = | 35·99990950 | |
| Mean 1 foot | = | 11·99996983 | |
| Cast-iron line-Standard yard No. 63 | = | 35·99993268 | (Airy, p. 81.) |

4. Details of comparisons.

4. The following comparisons have been made, each stated result being the mean of three comparisons, and each comparison consisting of the mean of three readings of each defining line.

## Comparisons of 0 — 1 Foot on 10-Feet Bar.

| No. | Date. | *t.* Compared. | *t.* Comparing. | Bar next Observer. | Compared length of lines on gold studs of Steel 10 feet bar. | Comparing Standard. | Difference of Compared. |
|---|---|---|---|---|---|---|---|
| | | | | | | | in. |
| (1) | 1876, April 6 | 64°·22 F. | 65°·48 F. | Comparing | 0−1 Foot = Bronze SS., | 0−1 Foot | +0·00018712 |
| (2) | „ 20 | 58·10 | 59·00 | Compared | „ = | „ „ | +0·00062724 |
| (3) | „ 21 | 59·54 | 59·36 | „ | „ = | „ „ | +0·00036111 |
| (4) | „ 20 | 58·64 | 59·36 | „ | „ = | „ 1−2 Foot | +0·00039622 |
| (5) | „ 20 | 58·64 | 59·54 | „ | „ = | „ „ | +0·00038305 |
| (6) | „ 21 | 61·54 | 61·16 | „ | „ = | „ „ | +0·00029438 |
| (7) | „ 20 | 58·82 | 60·26 | „ | „ = | „ 2−3 Foot | +0·00049101 |
| (8) | „ 21 | 60·44 | 61·52 | „ | „ = | „ „ | +0·00039171 |
| (9) | „ 20 | 58·82 | 59·90 | „ | „ = | „ „ | +0·00055969 |
| | Mean - - | 59·89 | 60·62 | — | 0−1 Foot = Bronze SS., mean Foot | | +0·00041017 |
| | | | | | Ascertained error of Bronze SS., mean Foot at 62° F. | | −0·00003017 |
| | | | | | ∴ Error of 0 − 1 Foot of Steel bar, uncorrected for temperature | | +0·00038000 |

## Comparisons of 4 — 5 Foot on 10-Feet Bar.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | | | | in. |
| (10) | April 10 - | 60·44 | 61·70 | Compared | 4−5 Foot = Bronze SS., | 0−1 Foot | +0·00011822 |
| (11) | „ 12 - | 56·48 | 56·84 | „ | „ = | „ „ | +0·00026977 |
| (12) | „ 21 - | 63·14 | 62·06 | „ | „ = | „ „ | +0·00021930 |
| (13) | „ 10 - | 60·44 | 61·88 | Comparing | „ = | „ 1−2 Foot | −0·00008065 |
| (14) | „ 12 - | 56·48 | 56·48 | „ | „ = | „ „ | +0·00026451 |
| (15) | „ 21 - | 63·32 | 62·24 | Compared | „ = | „ „ | +0·00008206 |
| (16) | „ 1 - | 56·84 | 57·66 | Comparing | „ = | „ 2−3 Foot | +0·00029629 |
| (17) | „ 10 - | 60·44 | 61·52 | „ | „ = | „ „ | +0·00015837 |
| (18) | „ 21 - | 63·14 | 62·24 | Compared | „ = | „ „ | +0·00011586 |
| | Mean - - | 60·08 | 60·29 | — | 4−5 Foot = Bronze SS., mean Foot | | +0·00016042 |
| | | | | | Ascertained error of Bronze SS., mean Foot, at 62° F. | | −0·00003017 |
| | | | | | ∴ Error of 4−5 Foot of Steel bar, uncorrected for *t.* | | +0·00013025 |

## Comparisons of 1 — 4 Feet on Steel Bar.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | | | | in. |
| (19) | April 6 - | 64·04 | 64·58 | Comparing | 1−4 Feet = Cast-iron Yard No. 63 | | −0·00053461 |
| (20) | „ 7 - | 60·44 | 61·16 | „ | „ = | „ | −0·00057163 |
| (21) | „ 8 - | 59·36 | 59·54 | „ | „ = | „ | −0·00042799 |
| (22) | „ 22 - | 59·54 | 59·18 | Compared | „ = | „ | −0·00024644 |
| (23) | „ 24 - | 58·20 | 59·36 | „ | „ = | „ | −0·00031668 |
| (24) | „ 24 - | 57·80 | 57·20 | „ | „ = | „ | −0·00010802 |
| | Mean - - | 59·86 | 60·11 | — | 1−4 Feet = Cast-iron Yard No. 63 | | −0·00036756 |
| | | | | | Ascertained error at 62° F. of Cast-iron Yard No. 63 | | −0·00006732 |
| | | | | | ∴ Error of 1−4 Feet of Steel bar, uncorrected for *t.* | | −0·00043488 |

## Comparisons of 4 — 7 Feet on Steel Bar.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | | | | in. |
| (25) | April 6 - | 63·50 | 64·40 | Comparing | 4−7 Feet = Cast-iron Yard No. 63 | | −0·00025487 |
| (26) | „ 7 - | 61·34 | 61·88 | „ | „ = | „ | −0·00015853 |
| (27) | „ 10 - | 58·82 | 59·36 | „ | „ = | „ | −0·00006021 |
| (28) | „ 22 - | 59·80 | 59·18 | Compared | „ = | „ | +0·00058427 |
| (29) | „ 22 - | 57·82 | 57·74 | „ | „ = | „ | +0·00034057 |
| (30) | „ 24 - | 57·80 | 57·80 | „ | „ = | „ | +0·00048103 |
| | Mean - - | 59·84 | 60·06 | — | 4−7 Feet = Cast-iron Yard No. 63 | | +0·00015538 |
| | | | | | Ascertained error at 62° F. of Cast-iron Yard No. 63 | | −0·00006732 |
| | | | | | ∴ Error of 4−7 Feet of Steel bar, uncorrected for *t.* | | +0·00008806 |

### Comparisons of 7 — 10 Feet on Steel Bar.

| No. | Date. | *t.* Compared. | *t.* Comparing. | Bar next Observer. | Compared length of lines on gold studs of Steel 10 feet bar. | Comparing Standard. | Difference of Compared. |
|---|---|---|---|---|---|---|---|
| | | ° | ° | | | | in. |
| (31) | April 6 - | 63·50 F. | 64·40 F. | Comparing | 7–10 Feet = | Cast-iron Yard No. 63 | −0·00039981 |
| (32) | „ 7 - | 61·52 | 62·42 | „ | „ = | „ | −0·00027837 |
| (33) | „ 10 - | 58·64 | 58·64 | „ | „ = | „ | −0·00018641 |
| (34) | „ 22 - | 58·82 | 58·64 | Compared | „ = | „ | −0·00012162 |
| (35) | „ 22 - | 59·00 | 59·64 | „ | „ = | „ | −0·00018533 |
| (36) | „ 24 - | 61·00 | 58·64 | „ | „ = | „ | −0·00008569 |
| | Mean - - | 60·61 | 60·23 | — | 7–10 Feet = | Cast-iron Yard No. 63 | −0·00020954 |
| | | | | | Ascertained error at 62° F. of | Cast-iron Yard No. 63 | −0·00006732 |
| | | | | | ∴ Error of 7–10 Feet of Steel bar, uncorrected for *t.* | | −0·00027686 |

5. Rate of expansion of compared and comparing standard bars.

5. According to Mr. Sheepshanks' determination, each foot of cast steel expands 0·00006907 inch for 1° F., the coefficient of expansion being 0·00000575; one foot of cast iron expands 0·00006606 inch for 1° F., the coefficient of expansion being 0·00000552; and one foot of the bronze of which the standard yards are composed expands 0·00011364 inch for 1° F., the coefficient of expansion being 0·00000947.

6. Results of comparisons.

6. With these data, the following are the final results of the comparisons of the several defining lines on gold studs of the subdivided standard 10-feet bar :—

### Results of Comparisons of Lengths on 10-Feet Bar, defined on Gold Studs.

| Compared Measure on 10-feet Bar. | Standard Length Uncorrected for *t.* | Correction of Compared Measure to 62° F. | Correction of Comparing Standard to 62° F. | Net Correction of Length of Compared Measure to 62° F. | Standard Length of Compared Measure at 62° F. | Ascertained Error of Compared Measure at 62° F. |
|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | in. | in. |
| 0– 1 foot - | =12·00038000 | +0·00014574 | −0·00015682 | −0·00001108 | 12·00036892 | +0·00036892 |
| 1– 4 feet - | =35·99956512 | +0·00044343 | −0·00037456 | +0·00006887 | 35·99963399 | −0·00036601 |
| 4– 7 „ - | =36·00008806 | +0·00044757 | −0·00038447 | +0·00006310 | 36·00015116 | +0·00015116 |
| 7–10 „ - | =35·99972314 | +0·00028802 | −0·00035078 | −0·00006276 | 35·99966038 | −0·00033962 |
| 0–10 feet - | =119·99975632 | +0·00132476 | −0·00126663 | +0·00005813 | 119·99981445 | −0·00018555 |
| 4– 5 foot - | =12·00013025 | +0·00013261 | −0·00019432 | −0·00006171 | 12·00006854 | +0·00006854 |

From these results the standard length and ascertained errors at 62° F. of the following measures on this bar are determined, viz. :

| | | | |
|---|---|---|---|
| Measure of 2 feet - | - 5– 7 feet = | 24·00008262 | +0·00008262 |
| „ 4 „ - | - 0– 4 = | 48·00000291 | +0·00000291 |
| „ 5 „ - | - 0– 5 „ = | 60·00007145 | +0·00007145 |
| „ 5 „ - | - 5–10 „ = | 59·99974300 | −0·00025700 |
| „ 6 „ - | - 1– 7 „ = | 71·99978515 | −0·00021485 |
| „ 6 „ - | - 4–10 „ = | 71·99981154 | −0·00018846 |
| „ 7 „ - | - 0– 7 „ = | 84·00015407 | +0·00015407 |
| „ 9 „ - | - 1–10 „ = | 107·99944553 | −0·00055447 |

7. Reverification of the 10-feet bed

7. The details of the original verification of the 10-feet bed measure, of the solid steel bar in which the gold studs have since been inserted

and of the yard and foot lengths marked by defining lines on the edge of the upper surface of this steel bar, have already been given in the before-mentioned Appendix XX. to the Fifth Report of the Standards. The time having arrived when under the provisions of the Standards Act, 1866, a periodical reverification of these secondary standard measures of length is required, the following comparisons have been made with the stated results. As the defining line of the steel bar was of sensible thickness under the microscope, two series of comparisons were made, one with each edge of the defining line, and the mean result is here given :—

measure and its subdivision line measures on upper su r-face.

Comparisons of Subdivision Line Measures on Upper Surface of Standard 10-Feet Bed Measure.

| No. | Date. | Length on 10-feet Steel Bar Compared. | Comparing Standard. | Difference of Compared. | Temperature. Compared. | Temperature. Comparing. |
|---|---|---|---|---|---|---|
| | | | | in. | ° | ° |
| (1) (2) | 1876 May 26 | 0– 3 feet - = | Cast-iron yard No. 63 | −0·00068 | 58·4 F. | 58·4 F. |
| (3) (4) | „ 24 | 3– 6 „ - = | „ | +0·00244 | 58·6 | 58·6 |
| (5) (6) | „ „ | 6– 9 „ - = | „ | −0·00168 | 58·6 | 59·0 |
| (7) (8) | „ 23 | 9–10 foot - = | Bronze SS. 1 foot 0-12 inch | +0·00072 | 60·2 | 60·4 |

After making the following correction for the ascertained errors of the comparing standards, and for the expansion of the several bars, viz. :

See App. to Fifth Rep. Stand. Com. p. 231.

| Standard Length. | Ascertained Error of Comparing Standard at 62° F. | Rate of Expansion for 1° F. |
|---|---|---|
| | in. | in. |
| Cast-iron yard No. 63 - - - | −0·00006732 | 0·000198 |
| Bronze SS. 0–12 inch - - - | −0·00002995 | 0·000114 |
| 3 feet of steel bar - - - - | — | 0·000207 |
| 1 foot „ - - - - | — | 0·000069 |

The following are the results of the comparisons :—

Results of Comparisons of Subdivision Line Measures on Upper Surface of Standard 10-Feet Bed Measure.

| Compared Measure on 10-Feet Bar. | Standard Length Uncorrected for $t$. | Correction of Compared Measure to 62° F. | Correction of Comparing Standard to 62° F. | Net Correction of Compared Measure to 62° F. | Standard Length of Compared Measure at 62° F. | Ascertained Error of Compared Measure at 62° F. |
|---|---|---|---|---|---|---|
| | in. | in. | in. | in. | | |
| 0– 3 feet - | 35·999253 | +0·000745 | −0·000713 | +0·000032 | 35·999285 | −0·000715 |
| 3– 6 „ - | 36·002373 | +0·000704 | −0·000673 | +0·000031 | 36·002404 | +0·002404 |
| 6– 9 „ - | 35·998253 | +0·000704 | −0·000594 | +0·000110 | 35·998363 | −0·001637 |
| 9–10 „ - | 12·000690 | +0·000124 | −0·000182 | −0·000058 | 12·000632 | +0·000632 |
| Total 10-feet line and bed measure | 120·000569 | +0·002277 | −0·002162 | +0·000115 | 120·000684 | +0·000684 |

The following is the result of this reverification of the lines marked on the steel surface of the standard 10-feet measure, as compared with the results of the original verification in 1870:—

| Compared Length on 10-feet Bar. | Standard Length at 62° F. | | |
|---|---|---|---|
| | In 1870. | In 1876. | Difference in 1876. |
| | in. | in. | in. |
| 0 – 3 feet - - - | 35·99875 | 35·99929 | +0·00054 |
| 3 – 6 „ - - - | 36·00242 | 36·00240 | −0·00002 |
| 6 – 9 „ - - - | 36·00048 | 35·99836 | −0·00212 |
| 9 –10 foot - - - | 12·00026 | 12·00063 | +0·00037 |
| Total 10 feet - | 120·00191 | 120·00068 | −0·00123 |

Considering that notwithstanding the inevitable uncertainty which must exist in determining the actual temperature of the measuring axis of the solid steel bar 10½ feet in length, together with the probable errors of observations, the difference between the results of the several comparisons may be disregarded as not material. As all the stated errors are within the breadth of the defining lines, and can only be discovered by microscopic observation, the several measures may be taken as absolutely correct for all commercial purposes.

Reverification of standard 6-feet measure.

8. The standard 6-feet measuring bar was verified in October 1870, the details being given at p. 232 of Appendix XX. to the Fifth Report of the Standards Commission. It consists of a bar of similar form and material to the 10-feet standard bar, having a bed measure of 6 feet, with lines marked on the edge of the upper surface, defining the whole length of 6 feet divided into feet, and the first foot 0–1 subdivided into inches, and 0–1 inch into tenths. In 1870, only the two halves and the whole length of the 6-feet measure were verified, and they have now been reverified by comparing each length of 3 feet under the microscopes with the cast-iron line-Standard Yard No. 63. The measurements were taken at the middle of each defining line. All the comparisons were made when the measuring bars were at nearly the temperature of 62° F.; no correction for temperature is consequently required.

Comparisons of Standard 6-Feet Measures with Standard Yard No. 63.

| No. | Date. | Compared Length of Standard 6-feet. | Comparing Standard. | Difference of Compared. | Ascertained Error of Comparing Standard. | Error of Length Compared. |
|---|---|---|---|---|---|---|
| | | | | in. | | |
| (1.) | 1876, June 12 | 0-3 feet = | Yard No. 63 | +0·00009 | | |
| (2.) | „ 13 | „ = | „ | +0·00016 | | |
| | | | Mean - | +0·00013 | in. −0·00007 | in. +0·00006 |
| (3.) | June 12 | 3-6 feet = | Yard No. 63 | +0·00044 | | |
| (4.) | „ 13 | „ = | „ | +0·00011 | | |
| | | | Mean - | +0·00028 | −0·00007 | +0·00021 |

∴ Error of compared 6-feet line and bed measure +0·00027

RESULTS of COMPARISONS in 1876 as compared with 1870.

| Standard Length of Compared Measure. | In 1870. | In 1876. | Difference in 1876. |
|---|---|---|---|
| | in. | in. | in. |
| Standard 6-feet, 0–3 feet - | 35·99967 | 36·00006 | +0·00039 |
| 3–6 „ - | 35·99698 | 36·00021 | +0·00323 |
| Total - | 71·99665 | 72·00027 | +0·00362 |

It would thus appear that since 1870 the length of the 6-feet measure had increased 0·00362 in., which is about the breadth of one of the defining lines. In 1870, however, the comparisons were made with different comparing Standards, the two cast-steel Standard yards, Nos. 65 and 66, and no allowance for temperature was made, as all the bars were made of the same kind of metal. But the mean observed temperature of the bars during the comparisons was only about 56° F., and if there was a material difference in the actual temperature of the measuring axes of the large compared bar and of the smaller comparing bars respectively, or if the expansion of the more recently constructed 6-feet steel bar for the 6° F. below the normal temperature of 62° F. was sensibly greater than that of the older steel bars, the fact of the length of the 6-feet bar being found to be greater in 1876 than in 1870 may thus be accounted for to a certain extent.

It is probable, however, that as the differences found both in the measures of the 10-feet bar and the 6-feet bar are really very small, they are mainly attributable to errors of observations of the comparatively coarse defining lines such as they appear under the microscopes. The differences found in 1876 being partly in excess and partly in deficiency as compared with 1870, they cannot be taken as in any way proving that an alteration in length has really occurred in any of the measures of the two bars.

For all commercial purposes, for which only this standard measure of 6 feet was constructed and legalised, the 6-feet measure may now be considered as absolutely correct as regards its standard length at 62° F.

H. W. CHISHOLM,
Warden of the Standards.

7, Old Palace Yard,
24th June 1876.

# APPENDIX VI.

(See Report, p. xviii.)

## Construction and Verification of a Standard Measure of 100 Feet and a Standard Chain of 66 Feet, with Sub-Divisions.

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1. Introduction.

1. The exhibition of public and mural standards of length in populous places throughout the country was considered by the Commission for Restoration of the Standards to be one of the best auxiliary means for attaining and maintaining uniformity in the measures of length used by the public, and was recommended by the Commission in their Reports of 1841 and 1854. The advantages of thus enabling the public to verify their measures of length were felt so strongly by the Astronomer Royal, the chairman of the Commission, that under his directions mural standards of the yard, and smaller measures of length, were erected outside the wall of the Royal Observatory at Greenwich for public use, and are found to be continually resorted to by workmen and others for ascertaining the correctness of their measuring rules.

2. Exhibition of public standards of length by Standards Department.

2. Similar recommendations were made by the Standards Commission appointed in 1867; and the mode in which they proposed such recommendations should be carried out by the Standards Department, in laying down public standards of the chains of 100 feet and of 66 feet, and erecting public standards of the yard and its principal parts, in a site near the Standards Office at Westminster, was considered by them at several of their meetings, more particularly on 21st December 1869, when they passed definitive resolutions on the subject, as may be seen by reference to their minutes of proceedings appended to their Fifth Report.

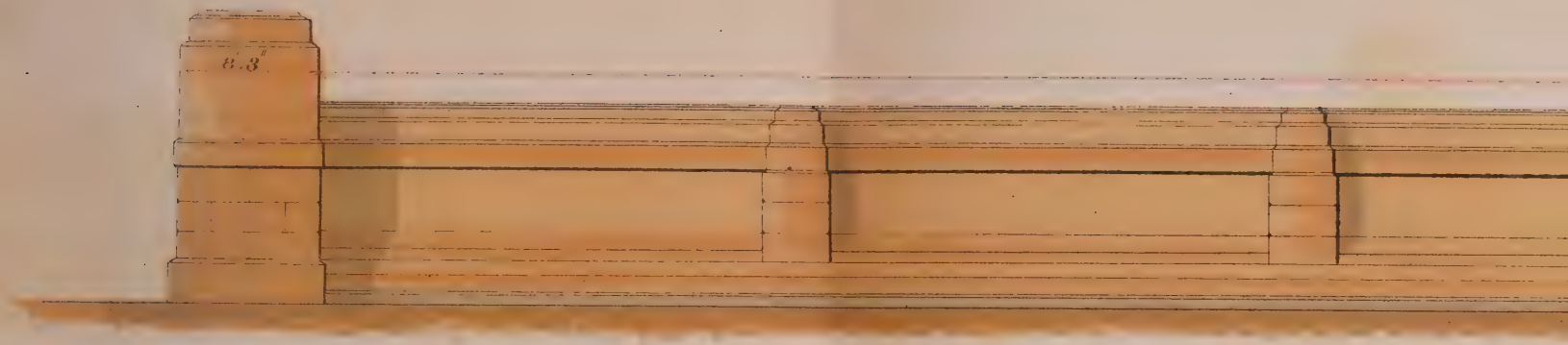
3. Their site.

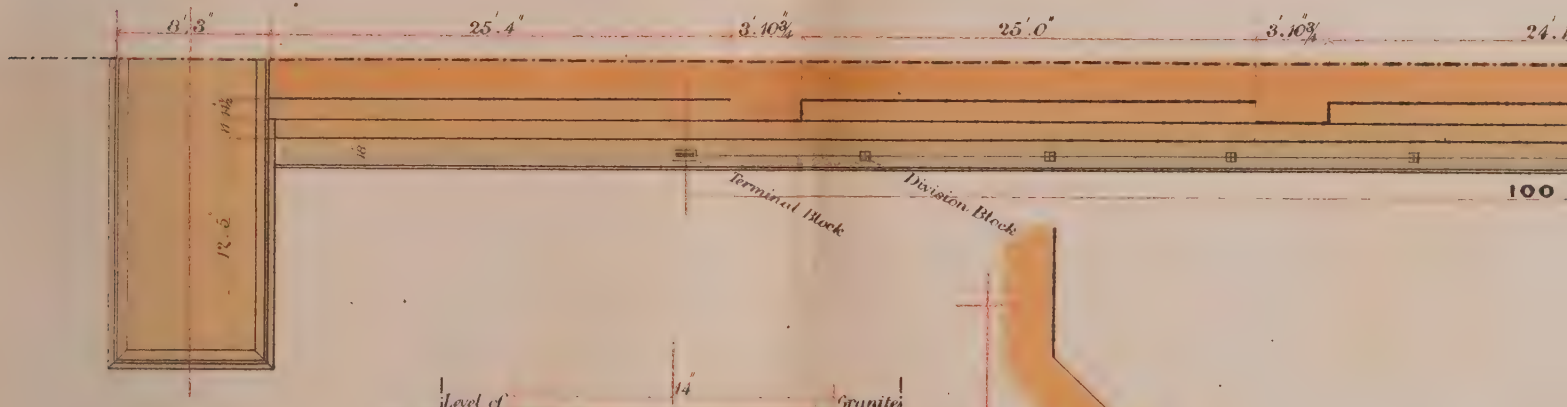
3. In selecting a site for such public standards, the Commission expressed their opinion that they should be placed—

Where they are easily accessible to the public who may wish to compare their measures;

Where such comparisons may be made without being disturbed by passers by or idle gazers;

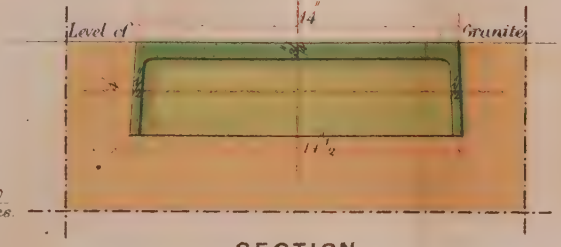
Where sufficient protection from wilful damage may at all times be secured;




## TERMINAL BLOCKS.

*Two to be supplied. One marked* $\frac{100}{\text{links.}}$ *the other marked* $\frac{100}{\text{feet.}}$

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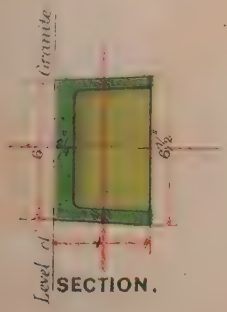


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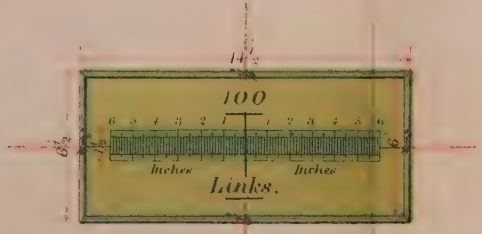


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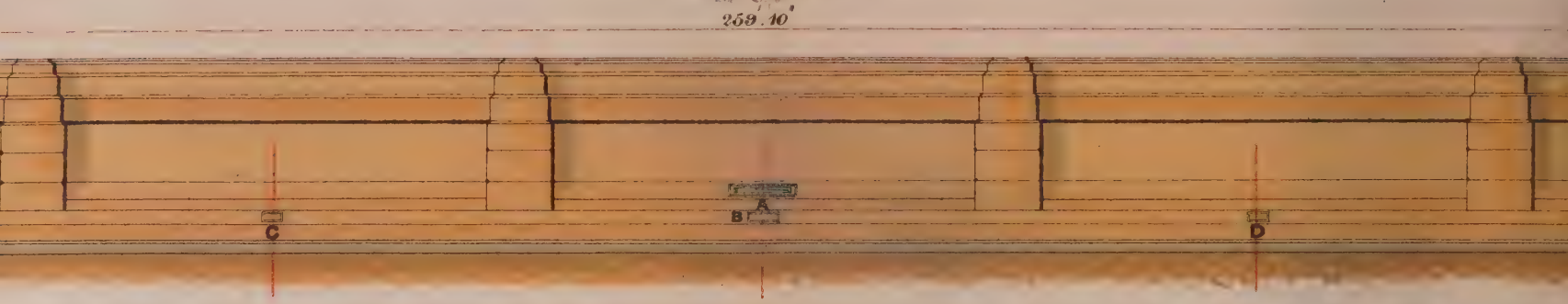
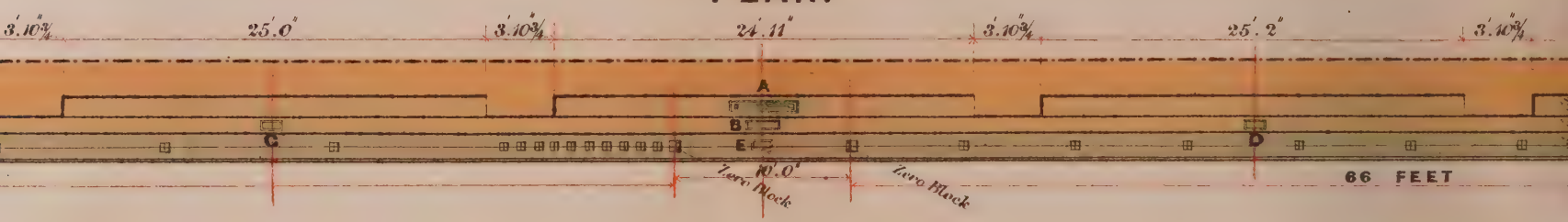



Scale 2½ feet to one inch.

## PLAN.

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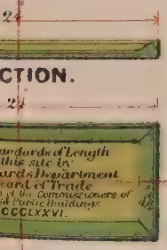

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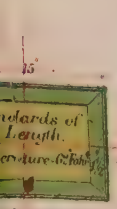

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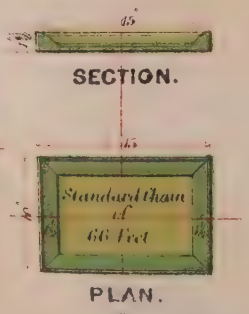


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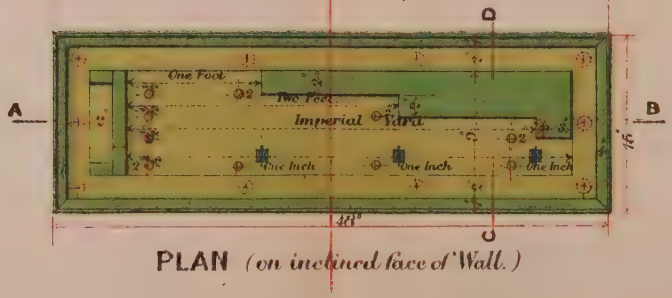
## MURAL STANDARDS.

SECTION THRO' A.B. (Square to inclined face of Wall.)




PLAN (on inclined face of Wall.)

SECT
ON

Scale ¾ of an inch to one foot.

And where there is a long and level plot of ground upon which the longer standard measures may be laid down, with an adjacent wall for the mural standards.

After inspecting various sites which were proposed, the Commission were of opinion that there was no site so fit and convenient in every respect as the enclosure on the south side of Victoria Tower. But objections to this site were raised by the Office of Works, who considered that the laying down public standards there would interfere with any future disposition of the ground, and they suggested that a more eligible site might be found at Somerset House. After inspecting the site thus proposed, the Commission were of opinion that it did not guarantee sufficient stability, and that the standards should be placed at Westminster. The quadrangular court of the new buildings in Downing Street was next suggested by the Office of Works, and the question was left in abeyance for more than three years until the completion of these new buildings. The objection then made by the Office of Works to any *raised platform* for the chain measures rendered this site inapplicable, a raised platform being deemed by me to be indispensable for the due protection and convenient use of the public standard chain measures. A similar objection rendered fruitless endeavours made to obtain from the Office of Works a site for the public standards at the enclosed space on the north side of New Palace Yard, and also a site from the Metropolitan Board of Works on the terrace of the Thames Embankment, immediately above the landing-place at Westminster Bridge. It was not until the spring of 1875 that the site on the north side of Trafalgar Square was obtained from the Office of Works, through the intervention of the Astronomer Royal.

Minute 2nd April 1870.

Minute 16th July 1870.

Minute 30th July 1870.

S. 20 of Eighth Annual Report.

S. 10 of Ninth Annual Report.

So far as regards publicity and free access on the part of the public, and a long level line, no site for these public standards could be more favourable. It does not present the same advantages in regard to the other points considered requisite by the Standards Commission, security from disturbance in the comparison of measures and from damage, either wilful or by thoughtless and idle boys. In this respect, however, it is preferable to the proposed site on the Thames Embankment, and it is more watched over by the Metropolitan Police; and the Commissioners of Police have given directions to their officers to protect the Standards as far as possible from injury, and the public from disturbance in their legitimate use.

4. A working plan for the construction of these public Standards was laid before the Standards Commission by the Astronomer Royal, which had been prepared by his son, Mr. Wilfrid Airy, a practical civil engineer, and conversant with the details of the subject. This plan was approved by the Commission, and the services of Mr. W. Airy were retained for making the working drawings of the new Standard chains and their supporting platform, as well as for superintending the work of constructing the platform, and laying down the Standards. The first of these works was executed by the Office of Works, and the actual construction of the material of the Standards, and the laying them down, by Messrs. Troughton and Simms. Mr. W. Airy also gave his assistance to the officers of the Standards Department in the work of comparing the Standard chains when laid down, and in superintending the subsequent adjustment of some of the bronze blocks on which the defining lines were cut.

4. Mode of construction.

The details of the mode of construction of these public Standards of imperial length are shown in the accompanying series of illustrative drawings, in which the elevations, plans, and sections of the several

parts are given, as well as the dimensions. The whole is a reduced copy of a larger plan made by Mr. W. Airy, and framed and kept at the Standards Office. All the blocks for defining the several measures are of bronze. Those inlaid in the granite are slightly conical, and are secured by cement in somewhat larger conical holes in the granite. The mural Standard measures are also of bronze, securely fastened by screws to a solid frame. This frame and those containing the descriptive tablets are of bronze, and are secured to the granite wall by screws, the heads of which have since been removed to the level of the adjoining metal.

5. Laying down standard chain measures.

5. The mode in which the metal blocks bearing the defining lines of the Standard measure of 100 feet were laid down was by first marking out the several lengths by means of ten of the pine 10-feet measuring rods of the Standards Department, having subdivisions of 1 foot each marked upon them. All the measures on these rods were accurately verified, as shown in another paper. Square holes were next cut in the granite in a marked-out straight line to receive the metal blocks, and were made sufficiently large to admit of a slight adjustment of the blocks in the direction of the length of the measure. When all was prepared, the square metal blocks for the 100-feet chain were placed in the several holes and were embedded in cement, being secured on each side by an iron wedge. Each length was then carefully measured with the pine measuring rods, and any requisite preliminary adjustment made, after which the surface of the cement was levelled and finished off.

A similar course was pursued with the whole length of the 66-feet chain, and with half of the whole length, the measurements being made with six of the 10-feet pine measuring rods, and with two of the similar 3-feet measuring rods of the Standards Department. The intermediate lengths of 10 links, each 7·92 inches, were laid down by using two 10-link measuring rods of Messrs. Troughton and Simms, the intervals of each half chain being adjusted so as to be as nearly equal as possible.

6. Preliminary comparisons with pine 10-feet measuring rods.

6. The preliminary comparisons of the lengths marked on the two Standard chains were made on the 25th March 1876, by Mr. Chaney and Mr. Airy and myself. The 10-feet lengths and the total length of the 100-feet were compared with the 10-feet pine measuring rods, by laying them down successively and continuously on the line of the 100-feet chain. The measurements were made in the straight longitudinal line marked upon each block, all being in the direct line from the middle of the zero block to the middle of the transverse defining line of the 100-feet block. The comparison of the first total length of 10 feet was made by observing the amount of difference in hundredths of an inch, and of tenths of a hundredth by estimation, between the edge of the 10-feet line nearest to the zero block, and the point at which it was met by the vertical line down, the middle of the defining end of the pine rod. The breadth of each defining line of the chain measures is 0·06 in., and the middle of this line is intended to define the measure most correctly. An addition of 0·03 in. was therefore made to this observed difference of the first 10-feet line. The measurements of the remaining 10-feet distances were made in like manner by placing the measuring rods successively in close contact, and fixing their position by weights put upon them. No observation of the temperature was made on the occasion of these preliminary comparisons.

In the following tabular forms of the results of comparisons of the Standard chain measures, it should be understood that the distance is always given to the *middle* of each defining line.

FIRST PRELIMINARY COMPARISONS of the 100-FEET STANDARD MEASURE.

| Length Measured. | Ascertained Error of each Pine Rod Measure at 62° F. | Error of Total Length of Pine Rods. | Error of Total Length measured from Zero. |
|---|---|---|---|
| | in. | in. | in. |
| 0 — 10 feet = pine rod No. 5 | — 0·012 | — 0·005 | — 0·017 |
| 10 — 20 „ = „ No. 6 | — 0·018 | — 0·011 | + 0·006 | — 0·012 |
| 20 — 30 „ = „ No. 2 | ± 0·000 | — 0·008 | — 0·002 | — 0·002 |
| 30 — 40 „ = „ No. 3 | — 0·006 | — 0·008 | — 0·010 | — 0·016 |
| 40 — 50 „ = „ No. 4 | — 0·012 | — 0·006 | — 0·016 | — 0·028 |
| 50 — 60 „ = „ No. 8 | — 0·012 | — 0·007 | — 0·023 | — 0·035 |
| 60 — 70 „ = „ No. 11 | — 0·012 | — 0·009 | — 0·032 | — 0·044 |
| 70 — 80 „ = „ No. 10 | — 0·018 | — 0·005 | — 0·037 | — 0·055 |
| 80 — 90 „ = „ No. 9 | — 0·009 | — 0·003 | — 0·034 | — 0·043 |
| 90 — 100 „ = „ No. 7 | — 0·009 | — 0·007 | — 0·041 | — 0·050 |

SECOND PRELIMINARY COMPARISONS of the 100-FEET STANDARD MEASURE.

| Length Compared. | Error of Each Pine Rod. | Total Error of Pine Rods. | Error of Total Length Compared. | Mean of First and Second Comparisons. |
|---|---|---|---|---|
| | in. | in. | in. | in. |
| 0 — 10 feet = pine rod No. 2 | ± 0·000 | — 0·008 | — 0·008 | — 0·008 | — 0·013 |
| 10 — 20 „ = „ No. 3 | ± 0·000 | — 0·008 | — 0·016 | — 0·016 | — 0·014 |
| 20 — 30 „ = „ No. 4 | + 0·012 | — 0·006 | — 0·022 | — 0·010 | — 0·006 |
| 30 — 40 „ = „ No. 5 | + 0·006 | — 0·005 | — 0·027 | — 0·021 | — 0·019 |
| 40 — 50 „ = „ No. 6 | — 0·006 | + 0·011 | — 0·016 | — 0·022 | — 0·025 |
| 50 — 60 „ = „ No. 7 | ± 0·000 | — 0·007 | — 0·023 | — 0·023 | — 0·029 |
| 60 — 70 „ = „ No. 8 | — 0·006 | — 0·007 | — 0·030 | — 0·036 | — 0·040 |
| 70 — 80 „ = „ No. 9 | — 0·024 | + 0·003 | — 0·027 | — 0·051 | — 0·053 |
| 80 — 90 „ = „ No. 10 | — 0·018 | — 0·005 | — 0·032 | — 0·050 | — 0·047 |
| 90 — 100 „ = „ No. 10 | — 0·012 | — 0·009 | — 0·041 | — 0·053 | — 0·052 |

These two results accord very closely. The details of the comparisons are given in order to show the degree of accuracy with which measurements with such pine rods can be made.

The middle of each of the defining lines of the intermediate feet of the first length 0·10 feet of the chain measure was found not to differ sensibly from the middle of the corresponding defining lines of the foot subdivisions of the 10-feet pine measuring rod used for comparing the 10-feet length.

The following preliminary Comparison of the 66-feet Standard chain measure was also made in a similar manner.

| Length Measured. | Cumulative Error of Pine Rods. | Error of Length Measured. |
|---|---|---|
| | in. | in. |
| 0 — 66 feet = pine 10-feet rods, No. 2, 3, 4, 5, 6, 7, + yard rods Nos. 4 and 5 — 0·015 in. | — 0·023 | — 0·038 |

7. The more definitive comparisons of the two measures of length were made with the two Standard 10-feet measuring bars, and the 6-feet bar constructed expressly for verifying continuous length measurements of

7. More definitive comparisons with

standard 10-feet and 6-feet steel bars.

this kind. The two Standard 10 feet bars marked No. 1 and No. 2 are more particularly described in Appendix XX. of the Fifth Report of the Standards Commission, p. 229, as being formed of steel bars, $1\frac{1}{2}$ inch in diameter, planed away to the following sectional form:

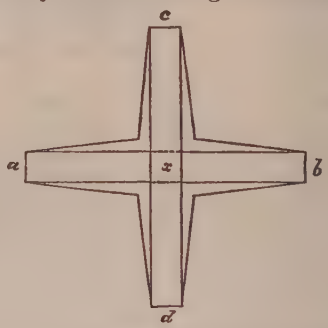



Fig. 1.—Section of Standard 10-Feet Steel Measuring Bar.

Only the rectangular plane *a b* is left as the measuring surface at one end of the bar, and *c d* at the other end. These end surfaces are highly polished. The Standard bars are thus end-measures, so that successive lengths of 10 feet each can be accurately measured by the two bars when placed one after the other in a straight line, the measuring plane being the intersected small surface *x*. This form of bar is also convenient and advantageous for holding thermometers in the upper groove of the ×-shaped bar, thus enabling the temperature of its measuring axis to be satisfactorily determined.

The errors of these two Standard bars at 62° F. have been determined as follows:

| | in. | |
|---|---|---|
| Standard 10 feet end-bar No. 1 - - - | 0·006739 | in excess. |
| „ No. 2 - - - | 0·005919 | „ |
| The two bars - - - | 0·012658 | „ |
| and 100 feet measured with them - | 0·063290 | „ |

The Standard 6-feet steel end bar is similar in its construction to the two 10-feet Standard bars. Its Standard length at 62 F. has been determined to be 0·00691 inch in excess.

According to Mr. Sheepshanks' determination of the rate of expansion by heat of a cast-steel measuring bar, a 10-feet steel bar expands 0·00069 inch for 1° Fahr. and a 6-feet steel bar 0·000414 inch.

8. Question of variations in length of granite platform from changes of temperature.

8. The lengths defined by the lines on the bronze blocks must evidently be affected by any expansion or contraction of the upper surface of the granite in which they are imbedded that may be caused by variations of temperature. The co-efficient of linear expansion of Aberdeen gray granite is stated in the Annuaire du Bureau des Longitudes for 1876 to be 0·000007894 for 1° C., or 0·000003324 for 1° Fahr., which gives an expansion of 0·000526 inch for 1° F. in a 10-feet measure of granite. If therefore a thermometer placed on the steel bar marks the temperature of 72° F. and another thermometer placed on the surface of the granite marks the same temperature, *and that the steel and the granite both expand in length from the normal temperature of 62° F. at the rates of expansion here stated*, it is clear that in determining the results of a comparison, the granite measure should be credited with the difference in length of 0·00164 in. (0·00690 − 0·00526) caused by the greater rate of expansion of steel for 10° F. This is equal to a sensible difference of 0·0164 inch in the measure of 100 feet.

There is however a great difference between the expansion or contraction from variations of temperature of a steel bar left free to expand, and of the upper portion of a granite platform 12 inches in total depth, of which seven inches are imbedded in the ground and fixed upon concrete 24 inches deep; this platform being also built in between large masses of granite. We can determine without hesitation the variations of length of the steel bar from changes of temperature as ascertained by a reliable thermometer, but it is hardly safe to adopt the same course with a measured length on the granite platform under the circumstances stated.

It may be interesting at a future time to make several experiments of measuring the first 10 feet of the 100-feet Standard chain measure, at various temperatures as shown by a thermometer placed on the surface of the granite, with one of the Standard 10-feet steel bars carefully brought each time to one uniform temperature, and thus to determine how far the measure on the granite actually varies from changes of temperatures. But until the fact has been satisfactorily ascertained, it has been considered best to make no allowance whatever for any changes in length in the granite platform that might occur from variations of temperature. Nor indeed could the very small amount of difference in length that might thus be caused affect materially such measurements as are now under consideration.

9. The comparisons of the 100-feet Standard measure with the two Standard steel 10-feet bars were made in the same way as with the pine measuring rods, except that the hinder of the two steel bars was continually moved forward, care being taken that the other bar did not shift its position. The difference between the defining end of the steel bar and the edge of the line on the bronze block was read off on an ivory scale of hundredths of an inch, by the aid of a steel square placed against the defining plane of the steel bar, a difference of half of a hundredth being noted. The temperature of the steel bars was taken at the beginning and the end of each comparison, and the mean noted.

9. Mode of comparison with standard steel bars.

10. The first two sets of definitive comparisons of the 100-feet Standard measure were made on 31st March, with the following results :—

10. Results of first series of definitive comparisons of 100-ft.

| | | Error of total length or of 100 feet. |
|---|---|---|
| (1.) | Observed mean t. of steel bar $=73\cdot2°$ F. | „ - $-0\cdot070$ in. |
| (2.) | „ „ $=75\cdot6°$ F. | „ - $-0\cdot100$ in. |

In these two comparisons, the total correction for the ascertained mean excess of length of 100-feet steel bars, and for the mean increase of temperature of the steel bars of $12\cdot4°$ F. beyond 62° F., was $0\cdot15$ in.

But these results were not considered satisfactory, not only from the high and varying temperature in the sunshine during the comparisons, but also from the fact that the two thermometers were placed one at each end of the Standard chain, and thus the *mean temperature of the air* only was taken. The thermometers also were shaded from the sun, whilst the steel bars and the granite platform were exposed to its heat.

In the four following sets of comparisons taken on April 1, the mean temperature of the steel bars was ascertained from thermometers placed upon them and secured by indiarubber rings. It being a cloudy day, there was little variation of temperature, and the mean reading of the thermometers was $60\cdot3°$ F. The correction of the observed differences of length of the chain measures was therefore as follows :—

| | in. |
|---|---|
| For excess of length of 100-feet steel bars - - | $+0\cdot063$ |
| For diminution of length of 100-feet steel bars for $1\cdot7°$ F. | $-0\cdot012$ |
| Net correction for 100-feet steel bars - | $+0\cdot051$ |

Allowing therefore for the mean correction of +0·005 in. in every 10 feet compared, the results of the four comparisons, showing the total error of each specified measure, from the zero block, were as follows :—

COMPARISONS of STANDARD 100-FEET MEASURE with STANDARD 10-FEET STEEL BARS.

| | Mean of Four Comparisons. in. | | Mean of Four Comparisons. in. |
|---|---|---|---|
| 0 – 10 feet | +0·003 | 50 – 60 feet | −0·022 |
| 10 – 20 „ | −0·012 | 60 – 70 „ | −0·050 |
| 20 – 30 „ | −0·016 | 70 – 80 „ | −0·052 |
| 30 – 40 „ | −0·011 | 80 – 90 „ | −0·041 |
| 40 – 50 „ | −0·024 | 90 –100 „ | −0·040 |

The near agreement of the mean results of these comparisons with those made with the 10-feet pine measuring rods is very satisfactory, as confirming the accuracy of the comparing measures and of the observations.

As the errors of the measures to the middle of the defining lines on the four last blocks exceeded one-half of the breadth of the lines, the opportunity was taken, before the cement had become too hard, to shift these blocks a little more than half the breadth of the lines further from the zero block, and also to move the blocks marked 50 and 60 a little less than half the breadth of the lines.

11. Results of final comparisons of 100-ft. measure, after adjustments.

11. After these adjustments, two sets of final comparisons of the Standard 100-feet measure were made by Mr. Chaney and Mr. Airy on 8th May 1876.

During the first series of these comparisons, the noted temperature of the two steel bars increased from 78° F. to 86·4°, the mean being 82·8° ; during the second series it decreased from 85·4° to 79·3°, the mean being 83·27°. With such varying temperature it becomes necessary, in order to ascertain the standard length of each division of 10 feet, to make the correction in each case for the temperature of the steel bars.

The results of the two sets of comparisons are as follows, the observed temperature of the surface of the granite platform being stated, in order to show its difference from that of the steel bars, though no allowance has been made for it :—

FIRST SERIES of FINAL COMPARISONS of Standard 100-feet Measure, after adjustment, with Standard 10-feet Steel Bars.

| Subdivisions of 100-feet Measure. | Apparent Error of middle of Defining Line from Zero Block. | Observed t. of Surface of Granite Platform. | Mean t. of Steel Bars. | Correction for excess of Length and t. of Steel Bars. | Consequent Standard Length of Compared Line from Zero Block. |
|---|---|---|---|---|---|
| | in. | ° | ° | in. | in. |
| 0 – 10 feet = steel bar | −0·025 | 65·6 F. | 78·0 F. | 0·0174 | −0·0076 |
| 10 – 20 „ = „ | −0·055 | 66·6 | 80·2 | 0·0363 | −0·0187 |
| 20 – 30 „ = „ | −0·075 | 67·2 | 79·7 | 0·0548 | −0·0202 |
| 30 – 40 „ = „ | −0·090 | 67·8 | 80·6 | 0·0740 | −0·0160 |
| 40 – 50 „ = „ | −0·085 | 67·8 | 81·8 | 0·0850 | +0·0076 |
| 50 – 60 „ = „ | −0·100 | 68·0 | 83·6 | 0·1138 | +0·0138 |
| 60 – 70 „ = „ | −0·135 | 68·0 | 84·3 | 0·1355 | +0·0005 |
| 70 – 80 „ = „ | −0·135 | 68·1 | 85·3 | 0·1579 | +0·0229 |
| 80 – 90 „ = „ | −0·160 | 68·1 | 85·8 | 0·1806 | +0·0206 |
| 90 –100 „ = „ | −0·190 | 68·1 | 85·7 | 0·2033 | +0·0133 |

Second Series of Final Comparisons of Standard 100-feet Measure with Standard 10-feet Steel Bars, after adjustments.

| Subdivision of 100-feet Chain Measure. | Apparent Error of middle of Defining Line from Zero Block. | Observed t. of Surface of Granite Platform. | Mean t. of Steel Bars. | Correction for Excess of Length and t. of Steel Bars. | Consequent Standard Length of Compared Line from Zero Block. |
|---|---|---|---|---|---|
| | in. | ° | ° | in. | in. |
| 0 – 10 feet = steel bar | −0·025 | 68·2 F. | 80·0 F. | 0·0187 | −0·0063 |
| 20 „ = „ | −0·060 | 68·3 | 82·7 | 0·0393 | −0·0207 |
| 30 „ = „ | −0·085 | 68·4 | 83·2 | 0·0603 | −0·0247 |
| 40 „ = „ | −0·095 | 68·3 | 83·8 | 0·0817 | −0·0133 |
| 50 „ = „ | −0·095 | 68·4 | 83·9 | 0·1031 | +0·0081 |
| 60 „ = „ | −0·125 | 68·6 | 84·4 | 0·1247 | −0·0003 |
| 70 „ = „ | −0·125 | 68·6 | 84·9 | 0·1468 | +0·0218 |
| 80 „ = „ | −0·150 | 68·6 | 84·4 | 0·1686 | +0·0186 |
| 90 „ = „ | −0·175 | 68·6 | 82·8 | 0·1893 | +0·0143 |
| 100 „ = „ | −0·205 | 68·5 | 80·1 | 0·2081 | +0·0031 |

The mean results of these two last series of comparisons may be taken as the determined standard length at 62° F. of the several 10-feet subdivisions of the standard 100-feet measure from the zero block, viz.

Ascertained errors of the several 10-feet subdivisions of the standard 100-feet measure from the zero block, measured to the middle of the defining line:

| | inch. | | inch. |
|---|---|---|---|
| 0 — 10 feet | — 0·007 | 0 — 60 feet | + 0·007 |
| 20 „ | — 0·019 | 70 „ | + 0·011 |
| 30 „ | — 0·022 | 80 „ | + 0·021 |
| 40 „ | — 0·015 | 90 „ | + 0·017 |
| 50 „ | — 0·008 | 100 „ | — 0·008 |

All these errors are within the breadth of the several defining lines.

12. Comparisons of standard chain of 66 feet divided into tenths, each of 10 links.

12. The surveyors' chain of 66 feet is divided into 100 links, each being 7·92 inches in length. The standard 66 feet now laid down is divided into 10 lengths of 10 links each. The only practical mode of verifying all these lengths was to compare the whole distance of 66 feet with the standard 10-feet steel bars carried successively along it for 60 feet, and completing the measurement with the Standard 6-feet bar; the length of each of the 10 subdivisions of the chain could be tested only by ascertaining whether there was any relative difference between them.

The comparing standards for the 66-feet chain were :—

| —— | Ascertained excess of length of comparing standards. | Expansion of 66-feet steel bars, for 1° F. |
|---|---|---|
| | in. | in. |
| 3 lengths of the two 10-feet steel bars - | +0·038 | 0·00414 |
| 6-feet steel bar - - - - | +0·007 | 0·00041 |
| Total - | +0·045 | 0·00455 |

Comparisons of Standard chain of 66 feet, with standard steel bars :—

| Date of Comparison. | No. | Compared measure. | Observed difference from zero block to middle of defining line. | Mean t. of steel bars. | Correction of steel bars for excess of length and for t. | Standard length at 62° F. of compared measure. |
|---|---|---|---|---|---|---|
| | | | | ° | in. | in. |
| 1876, March 31 - | (1) | 66-feet chain | −0·150 | 75·2 F. | +0·105 | −0·045 |
| „ April 1 - | (2) | „ | −0·060 | 59·7 | +0·035 | −0·025 |
| „ „ - | (3) | „ | −0·045 | 59·4 | +0·033 | −0·012 |

Rejecting the result of the first comparison on 31st March, for the reasons before stated as to the comparison on that day of the 100-feet measure, the mean result of comparisons (2) and (3) may be taken as the determined standard length, viz. :—

∴ Ascertained error of standard chain of 66 feet at 62° F. = −0·019 inch.

A comparison was also made of each of the 10-link divisions of the 66-feet chain with the two pine measuring rods of 10 links each of Mr. Simms, in order to test any relative difference between them, and in this manner to verify the length of each, with reference to the relation of the sum of the 10 links to the whole length of the 66-feet chain. It was thus ascertained that the whole distance of 66 feet was accurately divided into 10 equal parts of 10 links each, within half the breadth of the defining lines.

13. Comparisons of Mural Standards of the yard and subdivisions.

13. The several Mural Standard measures of length, consisting of bed measures of the Imperial yard of 3 feet, of 2 feet, of 1 foot, and of the line divisions of these measures, including those of 1 inch divided into tenths, have been accurately compared, and found to have no sensible error at the normal temperature of 62° Fahr.

H. W. Chisholm,
Warden of the Standards.

Standards Office,
7, Old Palace Yard,
30th May 1876.

## APPENDIX VII.

(See Report, p. xviii.)

COPY of HER MAJESTY'S ORDER IN COUNCIL, dated 27th June 1876, legalising the Measures of 100 Feet and of the Chain of 66 Feet, with their subdivisions, laid down on the north side of Trafalgar Square, as secondary Standards of length.

At the Court at Windsor,

The 27th day of June 1876.

PRESENT:

THE QUEEN'S MOST EXCELLENT MAJESTY IN COUNCIL.

WHEREAS by the 1st section of "The Standards of Weights, Measures, and Coinage Act, 1866," the custody of the Imperial Standards of length and of weight, and of all secondary Standards of weights and measures, and of all balances, apparatus, books, documents, and things used in connexion therewith or relating thereto, deposited in the office of the Exchequer at Westminster, or in the custody of the Comptroller-General of the Exchequer, was transferred to the Board of Trade; and it was by the same section provided that the Board of Trade should thenceforth have the charge thereof, and should have and perform all such powers and duties relative thereto, or otherwise relative to Standards of weights and measures, as were at the passing of the said Act by law vested in or imposed on the Commissioners of Her Majesty's Treasury, or in or on the Comptroller-General of the Exchequer; and it was further provided that all things done by the Board of Trade, or any of their officers, or at their office, in relation to Standards of weights and measures, in pursuance of the said Act, should be as valid and should have the like effect and consequences as if the same had been done by the Commissioners of Her Majesty's Treasury, or by the Comptroller-General or other officer of the Exchequer, or as the office of the Exchequer.

And whereas by the 6th section of the said recited Act it is enacted that where at any time any secondary Standard of length, or of weight, or of capacity, has been derived from the Imperial Standards of length and of weight respectively, and duly verified and authenticated by comparison therewith, it shall be lawful for Her Majesty in Council by Order in Council, to declare the same to be a legal secondary Standard of length, or of weight, or of capacity, as the case may be.

And whereas the following secondary Standards of length, derived from the Imperial Standard of length and duly verified and authenticated by comparison therewith, viz., one 100 feet measure divided into lengths of 10 feet each, and one 66 feet chain divided into lengths of 10 links each, have been completed and laid down as public Standards of length on a granite platform at the base of the wall on the north side of Trafalgar Square, in the city of Westminster.

Now, therefore, Her Majesty, by virtue of the power vested in Her by the said recited Act, is pleased, by and with the advice of Her Privy Council, to declare that the said secondary Standards of length, viz., the said 100 feet measure divided into lengths of 10 feet each, and the said 66 feet chain, divided into lengths of 10 links each, shall be legal secondary Standards of length.

C. L. PEEL.

## APPENDIX VIII.

(See Report, p. xix.)

CIRCULAR LETTER to LOCAL AUTHORITIES on the expediency of laying down Public Standards of Length in Populous Places.

Standards Office,
7, Old Palace Yard, Westminster,
_____ 1876.

SIR,

I AM instructed by the Board of Trade herewith to send you for the information of the local authorities of _____ a printed copy of my account of the construction and verification of Public and Mural Standards of Length, which have been recently placed for public use in Trafalgar Square, in the city of Westminster, by the Standards Department of the Board of Trade; and I request you to lay before such local authorities this circular letter, in which it has become my duty to call their attention to the recommendation of the Standards Commission that similar Public and Mural Standard Measures of Length should be exhibited in populous places throughout the kingdom, and to point out the great advantages and conveniences that would result to the public from thus being enabled at all times to ascertain how far their measures are in conformity with the Standard.

The Standards Department has frequently been called upon to notice the serious errors that are found in the length of measuring chains, tapes, &c., used by surveyors and others for the measurement of land, as well as the errors in one, two, and three feet rules used by mechanics and other persons. In point of fact, no legal Standard of length, except the Imperial yard alone, was established by law, or was indeed in existence, before the recent construction and legalisation of secondary Standard measures of length of two feet, and one foot, with subdivisions of inches and parts of inches, as well as secondary Standards of measures of 6 feet and 10 feet, of 100 feet divided into lengths of 10 feet, and of the chain of 66 feet divided into 10 lengths of 10 links each. All these new Standard measures of length were constructed and legalised in pursuance of the recommendations of the Standards Commission. But notwithstanding such legalisation, and its notification to all whom it might concern by publication in the Gazette, no copies of any of these new secondary Standard measures of length have, up to the present time, been sent for verification to the Standards Office, and thus no means have been afforded for duly testing such measures of length in use in the several local districts.

The Standard measures of length at Trafalgar Square have been constructed in the most complete and durable manner, particularly the 100 feet measure and the chain measure of 66 feet, as they were intended to be constituted the legal secondary Standards of these measures of length, under the provisions of the Standards Act, 1866. They have since been so constituted by Her Majesty's Order in Council, dated 27th June 1876, and published in the Gazette. But it should be pointed out that it is by no means requisite that similar public Standards should be constructed in other localities in so costly a manner as these more authoritative Standards. It is, however, necessary in order that any such local measures of length should be duly authen-

ticated by the official stamp as public Standards, that they should be properly constructed with respect to their sufficient stability and durability, and to their due conformity with the Standard. A low platform of masonry should be erected for the support of the measures of 100 feet and 66 feet, and the total length of the measures, with their sub-divisions accurately determined and inscribed, should be defined by lines upon metal blocks let into the masonry. The Standards Department will be prepared upon application to furnish proper instructions for laying down these Standards measures of length, the cost of which must be defrayed by the several local authorities; and also to verify them by comparison with the official Standards and authenticate them with the official stamp of verification, without any fee for such verification being payable by the local authorities, as soon as they are completed to the satisfaction of the Department. But the actual cost of the travelling and hotel expenses of one of the officers of the Standards Department and of one of the mechanics must in that case be borne by the local authorities, in accordance with the practice of their also bearing the cost of sending their local Standards to the Standards Office for verification or reverification.

Mr. W. Airy, the engineer, under whose immediate superintendence the work of laying down the Standards in Trafalgar Square has been executed, has furnished me with the following estimate of the expense of laying down similar Standard measures of 100 feet, and chains of 66 feet, in other localities.

| | £ | *s.* | *d.* |
|---|---|---|---|
| Preparing for and erecting a platform of brick, 103 feet long, 3 feet broad, and 1 foot high, with a covering of York paving flags 2 or 3 inches thick, upon a base of concrete 18 inches thick - - - - | 42 | 9 | 0 |
| Cutting holes and fixing blocks - - - | 4 | 0 | 0 |
| Two zero terminal blocks, 29 division blocks, and 2 descriptive tablets of cast iron - - - | 3 | 0 | 0 |
| Total - | 49 | 9 | 0 |

The cost would of course be materially lessened in all cases where a sufficiently stable base for the Standard measures may already exist.

I have only to add that I trust the several local authorities will recognise the importance of thus publicly exhibiting authentic copies of the Standard measures of length, more especially of the surveyors' chain of 66 feet and the building land measure of 100 feet. From the mode in which these measures are ordinarily used, they are liable to vary continually in length, and require frequent re-adjustment. Much of the now existing uncertainty and disagreement in the measurement of land would be avoided if accurate Standards of these measures of length were exhibited in various localities, and made readily accessible to the public.

I am, &c.

H. W. Chisholm,

Warden of the Standards.

To _____

The _____

_____

_____

# APPENDIX IX.

(See Report. p. xix.)

CONSTRUCTION and VERIFICATION of TWELVE PINE 10-FEET MEASURING RODS divided into FEET, and TWELVE similar 3-FEET MEASURING RODS.

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1. Construction of pine measuring rods.

1. These pine measuring rods were constructed by Messrs. Troughton and Simms, and are similar in every respect to the pine 10-feet and 3-feet measures constructed for the Government of Canada in 1874, an account of the construction and verification of which is contained in Appendix IV. to my Eighth Annual Report, p. 8.

They are made of pine wood of very straight grain, and as free as possible from knots. The ends are protected by plate brass squared and continued for about $1\frac{1}{4}$ inch along the upper and lower surfaces of the rods, where they are secured with brass screws. The defining ends are thus rectangular with a plane surface normal to the measuring axis of the bar. The rods are about $1\frac{1}{2}$ inches in breadth and rather more than 1 inch thick. Rectangular plates of brass are also screwed on the upper surface of the rods at the distance of each foot, and are engraved with transverse defining lines and the number of feet. The rods bear also the successive numbers 1–12 engraved on the end plates. They have a thin coating of French polish to protect them from dirt and damp. These pine rods are intended to be used as auxiliary standard measures of length, and more particularly in laying down chain measures of 66 feet and 100 feet.

2. Mode of comparison of 10-feet rods.

2. The twelve 10-feet measuring rods have been compared in a different manner from that described in the before-mentioned paper relating to the Canada rods. The micrometrical microscopes have now been employed in the comparisons, and the whole length of each rod has been compared with the length of 10 feet defined by the lines on the gold studs sunk to the mid-depth of the Standard 10-feet steel bar. This has been effected by adjusting the rectangular contact pieces successively against the four corners of the brass defining ends of the pine rods and against the middle.

3. Rate of expansion of pine rods and of steel bar.

3. As regards any allowance to be made for difference of expansion of the steel bar and the pine rods, where their noted temperature varies to any material extent from the normal temperature of 62° F., it may be here repeated that the co-efficient of linear expansion of pine wood for 1° C.

is taken to be 0·000004959, whilst that of the steel bar is 0·000011435, or more than double the expansion of pine wood. Thus for 1° F., a 10-feet pine rod dilates 0·00033 inch, whilst a 10-feet steel bar dilates 0·00069 inch, or 0·00036 inch more than the pine rod, being a difference in the dilatation of very nearly 0·001 inch for every 3° differing from 62° F.

4. The following comparisons were made at the mean temperatures stated, and in the following order :— 4. Comparisons with standard 10-feet steel bar.

Comparisons of Pine 10-feet Measuring Rods with the Standard 10-feet Steel Bar, showing the difference of the compared Measures.

| Pine, 10 Feet Measure compared. | Mean $t$. Fahr. | | 1876, Feb. 29. (1) | March 1. (2) | March 2. (3) | March 3. (4) | March 4. (5) | Mean. |
|---|---|---|---|---|---|---|---|---|
| | Pine. | Steel. | | | | | | |
| | ° | ° | in. | in. | in. | in. | in. | in. |
| Rod No. 1 - | 64·0 F. | 62·5 F. | −0·0241 | −0·0292 | −0·0226 | −0·0246 | −0·0162 | −0·0233 |
| „ 2 - | 57·9 | 57·4 | −0·0049 | −0·0041 | −0·0054 | −0·0062 | −0·0063 | −0·0054 |
| „ 3 - | 58·1 | 57·6 | −0·0062 | −0·0084 | −0·0093 | −0·0105 | −0·0098 | −0·0088 |
| „ 4 - | 58·1 | 57·4 | −0·0028 | −0·0039 | −0·0045 | −0·0069 | −0·0066 | −0·0066 |
| „ 5 - | 58·3 | 57·6 | −0·0079 | −0·0022 | −0·0070 | −0·0079 | −0·0073 | −0·0065 |
| „ 6 - | 58·6 | 57·7 | +0·0173 | +0·0122 | +0·0087 | +0·0082 | +0·0048 | +0·0102 |
| „ 7 - | 58·6 | 57·7 | −0·0064 | −0·0044 | −0·0098 | −0·0141 | +0·0060 | −0·0081 |
| „ 8 - | 58·5 | 57·7 | −0·0074 | −0·0079 | −0·0067 | −0·0090 | −0·0070 | −0·0076 |
| „ 9 - | 58·1 | 57·4 | −0·0059 | +0·0061 | +0·0036 | −0·0029 | +0·0041 | +0·0010 |
| „ 10 - | 57·9 | 57·0 | −0·0034 | −0·0030 | −0·0049 | −0·0114 | −0·0064 | −0·0058 |
| „ 11 - | 58·1 | 57·2 | −0·0082 | −0·0071 | −0·0090 | −0·0095 | −0·0084 | −0·0085 |
| „ 12 - | 58·1 | 57·4 | −0·0095 | 0·0068 | −0·0074 | −0·0072 | −0·0037 | −0·0069 |

Mean Results of Comparisons of 10-feet Pine Measuring Rods.

| — | Observed Mean Difference from Steel Bar. | Allowance for Dilatation | | Error of Steel Bar at 62° F. | Total Net Corrections. | Ascertained Mean Error. |
|---|---|---|---|---|---|---|
| | | of Pine Rod. | of Steel Bar. | | | |
| | in. | in. | in. | in. | in. | in. |
| No. 1 | −0·0233 | −0·0006 | +0·0003 | −0·0002 | −0·0005 | −0·0238 |
| „ 2 | −0·0054 | +0·0014 | −0·0032 | „ | −0·0020 | −0·0074 |
| „ 3 | −0·0088 | +0·0013 | −0·0030 | „ | −0·0019 | −0·0107 |
| „ 4 | −0·0066 | +0·0013 | −0·0032 | „ | −0·0021 | −0·0087 |
| „ 5 | −0·0065 | +0·0012 | −0·0030 | „ | −0·0020 | −0·0085 |
| „ 6 | +0·0102 | +0·0011 | −0·0029 | „ | −0·0020 | +0·0082 |
| „ 7 | −0·0081 | +0·0011 | −0·0029 | „ | −0·0020 | −0·0101 |
| „ 8 | −0·0076 | +0·0012 | −0·0030 | „ | −0·0020 | −0·0096 |
| „ 9 | +0·0010 | +0·0012 | −0·0031 | „ | −0·0021 | −0·0011 |
| „ 10 | −0·0058 | +0·0014 | −0·0034 | „ | −0·0022 | −0·0080 |
| „ 11 | −0·0085 | +0·0013 | −0·0033 | „ | −0·0022 | −0·0107 |
| „ 12 | −0·0069 | +0·0013 | −0·0032 | „ | −0·0021 | −0·0090 |

The difference of the measurements at the several parts of the defining ends of these pine rods arises from their being very slightly warped since their construction. As a period of about 12 months was allowed to elapse before they were verified, it is probable that there will be no further variation in their length from such cause.

If the greatest observed length of each of these bars be taken, which would probably be more nearly their length when joined together, the result would be as follows :—

MAXIMUM LENGTH of 10-feet Pine Measuring Rods.

| — | Observed Error. | Total Correction. | Error of Maximum Length of Pine Measuring Rods. |
|---|---|---|---|
| | in. | in. | in. |
| No. 1 | −0·0162 | −0·0005 | −0·0167 |
| „ 2 | −0·0041 | −0·0020 | −0·0061 |
| „ 3 | −0·0062 | −0·0019 | −0·0081 |
| „ 4 | −0·0028 | −0·0021 | −0·0049 |
| „ 5 | −0·0022 | −0·0020 | −0·0042 |
| „ 6 | +0·0173 | −0·0020 | +0·0151 |
| „ 7 | −0·0044 | −0·0020 | −0·0064 |
| „ 8 | −0·0067 | −0·0020 | −0·0087 |
| „ 9 | +0·0061 | ±0·0021 | +0·0040 |
| „ 10 | −0·0030 | −0·0022 | −0·0052 |
| „ 11 | −0·0071 | −0·0022 | −0·0093 |
| „ 12 | −0·0068 | −0·0021 | −0·0089 |

Another comparison of the ten 10-feet measuring pine rods with the 10 feet standard steel bar, was made by employing a different process. The rods were compared by placing them successively in the bed measure of the bar (=120·00191 in. at 62° F.) so far as this could be done, and any difference in deficiency was determined by interposing fine glazed paper, of which six thicknesses were found =0·01 inch. In the two cases where the pine rods were longer than the steel bed, an estimate of their excess of length was made by placing them upon the steel bed. During these comparisons the mean temperature of the steel bar was 59°·5 F., and that of the pine rods being about 62° F. The excess of standard length of the bed measure (0·00191 in.) was so nearly corrected by its contraction for 2°·5 F. (0·00173) that no correction is therefore required in the following observed lengths:—

FURTHER COMPARISON of 10-Feet PINE RODS with Bed of STANDARD STEEL BAR.

| — | Observed Errors of Pine 10-feet Measuring Rods. | | |
|---|---|---|---|
| | First Comparison. | Second Comparison. | Mean. |
| | in. | in. | in. |
| No. 1 | −0·007 | −0·005 | −0·006 |
| „ 2 | −0·005 | −0·017 | −0·011 |
| „ 3 | −0·005 | −0·010 | −0·007 |
| „ 4 | ±0·000 | −0·008 | −0·004 |
| „ 5 | −0·002 | −0·005 | −0·003 |
| „ 6 | +0·010 | +0·010 | +0·010 |
| „ 7 | −0·002 | −0·010 | −0·006 |
| „ 8 | +0·002 | −0·005 | −0·002 |
| „ 9 | +0·003 | +0·005 | +0·004 |
| „ 10 | ±0·000 | −0·007 | −0·003 |
| „ 11 | −0·002 | −0·013 | −0·008 |
| „ 12 | −0·008 | −0·008 | −0·008 |

These results are sufficiently confirmatory of the accuracy of the results of the measurements previously given.

## Summary of Results.

| Pine 10-Feet Measuring Rod. | Mean of First Five Measurements. | Maximum of the five Measurements. | Mean of the two last Measurements. | Mean of all. |
|---|---|---|---|---|
| | in. | in. | in. | in. |
| No. 1 | −0·0238 | −0·0157 | −0·006 | −0·013 |
| „ 2 | −0·0074 | −0·0061 | −0·011 | −0·008 |
| „ 3 | −0·0107 | −0·0081 | −0·007 | −0·008 |
| „ 4 | −0·0087 | −0·0049 | −0·004 | −0·006 |
| „ 5 | −0·0085 | −0·0042 | −0·003 | −0·005 |
| „ 6 | +0·0082 | +0·0151 | +0·010 | +0·011 |
| „ 7 | −0·0101 | −0·0064 | −0·006 | −0·007 |
| „ 8 | −0·0096 | −0·0087 | −0·002 | −0·007 |
| „ 9 | −0·0011 | +0·0040 | +0·004 | +0·003 |
| „ 10 | −0·0080 | −0·0052 | −0·003 | −0·005 |
| „ 11 | −0·0107 | −0·0093 | −0·008 | −0·009 |
| „ 12 | −0·0090 | −0·0089 | −0·008 | −0·009 |

The mean error of each of these pine measuring rods at 62° F. may consequently be taken as that given in the last column. It will be seen that the greatest difference of the mean from the result shown in the previous columns, hardly exceeds one hundredth part of an inch.

These results are interesting as showing the accuracy with which a pine 10-feet measuring rod with so large a section and defining ends may be compared. They are interesting also as being a starting point for further comparisons of the same measuring rods from time to time with a view of testing the constancy of their length.

5. Mode of comparison of pine 3-feet measuring rods.

5. The twelve pine 3-feet measuring rods were compared as 3-feet end measures with the commercial standard yard C.S., in the same manner as the local standard yard rods are usually compared. As the depth of the brass defining ends of the pine rods is about three times the depth of the steel arm of the yard bed measure of C.S., three comparisons of each rod were made of the upper, middle, and lower parts of the defining ends successively, the mean of six observations being taken in each case. It will be seen from the following results of the comparisons that in no single instance did the result of any one of these three sets of comparisons differ materially from the mean results.

6. Results of comparisons.

6. Results of comparisons of pine 3-feet measuring rods.

| Date. | Pine Yard Measure compared. | Observed Errors. Diagrams of parts measured. | Mean, uncorrected for Temperature. | *t*. Pine Yard. | *t*. Bronze C.S. | Net Correction of Pine Rod for *t*. | Ascertained Error of 3-feet Pine Rod at 62° F. |
|---|---|---|---|---|---|---|---|
| | | in. | in. | ° | ° | in. | in. |
| June 1876 | No. 1 | −0·001 | −0·0010 | 60·5 F. | 60·5 F. | −0·0002 | −0·001 |
| „ | „ 2 | −0·002 | −0·0026 | 60·8 | 62·6 | +0·0003 | −0·002 |
| „ | „ 3 | −0·001 | −0·0020 | 60·8 | 62·6 | +0·0003 | −0·002 |
| „ | „ 4 | +0·001 | +0·0006 | 62·0 | 63·3 | +0·0004 | +0·001 |
| „ | „ 5 | −0·002 | −0·0020 | 62·0 | 63·3 | +0·0004 | −0·002 |
| „ | „ 6 | +0·001 | +0·0010 | 60·8 | 62·6 | +0·0003 | +0·001 |
| „ | „ 7 | −0·001 | −0·0020 | 60·8 | 62·6 | +0·0003 | −0·002 |
| „ | „ 8 | ±0·000 | +0·0006 | 61·0 | 62·2 | +0·0002 | +0·001 |
| „ | „ 9 | ±0·000 | ±0·0000 | 61·0 | 62·4 | +0·0002 | ±0·000 |
| „ | „ 10 | ±0·000 | ±0·0000 | 61·0 | 62·4 | +0·0002 | ±0·000 |
| „ | „ 11 | −0·002 | −0·0023 | 61·0 | 62·0 | +0·0001 | −0·002 |
| „ | „ 12 | −0·001 | −0·0003 | 61·3 | 62·0 | +0·0001 | ±0·000 |

H. W. Chisholm,
Warden of the Standards.

Standards Office,
May 30, 1876.

# APPENDIX X.

(See Report, p. xx.)

REVERIFICATION of DOLLOND'S BRASS SCALE, verified by KATER; and LENGTH of 0—36 in. of SHUCKBURGH SCALE, as affecting KATER'S EQUIVALENT of the FRENCH METRE in IMPERIAL MEASURE.

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1. Description of Dollond's brass scale.

1. This brass scale of 41 inches divided into tenths, and of a metre divided into millimetres, both scales at 62° Fahr., was constructed by Dollond, and is now the property of Mr. Petrie, C.E., by whom it was brought to the Standards Office for inspection. It is of plate brass, and is in good preservation. The dimensions of the bar are 42 inches long, 1·6 inch wide, and 0·17 inch thick. The lines are finely and evenly cut upon the upper surface of the bar, but they are four times as broad as the defining lines of the Standard yards constructed by Troughton and Simms, the respective breadths being 0·0024 inch and 0·0006 inch.

2. Its scientific interest from Kater's frequent comparisons.

2. Considerable scientific interest attaches to this scale, as it was verified by Captain Kater with the Shuckburgh scale in 1820 and 1824, and again with the lost Imperial Standard yard in 1830 and 1831. MS. notes, by Kater, of the results of these comparisons are pasted inside the lid of its mahogany case.

As the length of 0—36 inches of the Shuckburgh scale used by Kater in his comparisons has been accurately determined both in terms of the lost Standard yard and of the restored Imperial Standard yard, this brass measure affords the means of observing by comparison with one of our Standard yards, whether any or what apparent alteration has taken place in its actual length after the lapse of 45 years. Since the comparisons were made the scale was, with Mr. Petrie's consent, included by me amongst the instruments of the Standards department sent to the Loan Exhibition of scientific apparatus at South Kensington.

3. Kater's MS. notes of its comparisons.

3. The MS. notes of Kater's comparisons are as follows:

*1st Note.*

The distance from Zero to 36 inches *perfectly correct*, the copy of the metre = 39·37045 inches and consequently too short by ·00034 of an inch.

H. K.

London, 14th August 1820.

*2nd Note.*

By subsequent comparisons the distance from Zero to 36 appeared to be = 35·999819 inches of Sir G. Shuckburgh's Standard scale, and the mean of this and the former determination, which is 35·999909, cannot be far from the truth.

H. KATER.

1824.

---

*3rd Note.*

The former determinations of the length of this scale were erroneous in consequence of the curvature of the table. It now appears by the mean of 16 comparisons = 35·99908 and by the mean of 20 other comparisons = 35,99893 inches of the Imperial Standard yard; the latter is preferable.

HENRY KATER.

London, June 9th, 1830.
Unaltered April 10th, 1831.—H. K.

---

4. It is here to be observed that Kater's last result is stated in his 3rd note *in terms of the Imperial Standard yard*, since destroyed, whilst the two previous results are stated *in terms of the Shuckburgh scale*. The following is the result of the comparisons made by Kater, in 1830, of 0—36 inches of the Shuckburgh scale with the Imperial Standard yard, both being bars of brass: 4. Kater's comparison of the Shuckburgh scale with the lost Standard yard.

0—36 in. Shuckburgh scale = Imp. Stand. yard + 0·00009 in. Phil. Trans., 1830, p. 377.

Kater says at p. 367 of this paper that "by former measurements the "distance from 0—36 inches on Sir G. Shuckburgh's scale appeared "not to differ sensibly from the Imperial Standard yard." Mr. Sheepshanks considered this last measurement in 1830 as the "most worthy of confidence" of Kater's determinations, but did not much trust it, on account of the "objectionable mode of resting the microscopic appa- Ib. 1857, Pt. III., p. 44.
"ratus upon the scale." Allowing for Kater's own definitive equivalent of the Shuckburgh scale, all the results of his comparisons *in terms of the Shuckburgh scale* may be stated as follows:

| | | | | |
|---|---|---|---|---|
| In 1820, 0–36 in. brass scale | = | 36·000000 | in. of the Shuckburgh scale. | |
| 1824, „ „ | = | 35·999819 | „ | „ |
| Difference = | | 0·000181 | „ | „ |
| Mean = | | 35·999899 | „ | „ |
| 1830, „ „ | = | 35·999980 | „ | „ |
| 1830–1, „ „ | = | 35·999830 | „ | „ |

The errors to which Kater refers in his 3rd note are explained in his paper on the error of Standards of linear measure, also laid before the Royal Society in 1830, as arising from the amount of curvature of a metallic bar when placed upon the plane surface of a mahogany table, which was Kater's practice for his comparisons. The curvature is caused by the difference of temperature of the table and of the under surface of the bar, and it affects the length of the bar more or less according to the thickness of the bar, and the part of it where the measurement is taken. Kater states the results of his measurement of Dollond's scale Phil. Trans., 1830, p. 360.

to have been erroneous in consequence of the *Shuckburgh scale being much thicker than Dollond's scale.*

He states also that the Shuckburgh bar is 67·7 inches long, 1·4 inch wide, and 0·42 inch thick; the scale comprising 60 inches. The thickness of the lost Standard yard he states to have been 1·07 inch.

Kater gives also some details of his comparisons in 1830 of the Shuckburgh scale and of Dollond's scale with the Imperial Standard yard. This Standard was in the legal custody of the Clerk of the House of Commons, but was at that time entrusted to Kater for his comparisons, and was afterwards destroyed, as is well known, at the fire at the Houses of Parliament in 1834.

5. Note of comparisons at the Standards Office of Dollond's scale.

5. The following note, added by me to Kater's notes, shows the results of the recent comparisons at the Standards Office of Dollond's brass scale, the results being expressed in terms of the new Imperial Standard yard.

Compared on 21st, 22nd, and 23rd February 1876, with the bronze official Standard yard having a subdivided metre at 0° C. marked on the same surface of the bar. From the mean of eight comparisons (each of 12 readings of the micrometers) under the microscopes, at mean temperature 15° C. or 59° Fahr.

0 — 36 in. of the brass scale at 62° Fahr. = 35·99961 inches of the Imperial Standard yard at 62° Fahr.

Metre of the brass scale, reduced to 32° Fahr. = 0·999684 metre, or 0·316 m.m. less than the Mètre des Archives at 0° C.

Here taking the Mètre des Archives at 0° C. = 39·37079 inch of the Imperial Standard yard at 62° Fahr.

and 0·316 millimetre = 0·01244 inches of the Imperial Standard yard at 62° Fahr.

∴ Metre on the brass scale at 0° C., or 32° Fahr. = 39·35835 inches of the Imperial Standard yard at 62° Fahr.

Taking the coefficient of expansion of brass for 1° Fahr. = 0·000009566, or for 1 metre 0·000376 inch of the Imperial Standard yard at 62° Fahr.

And the Standard brass commercial metre at 62° Fahr. = 39·38209 inches of the Imperial Standard yard at 62° Fahr.

∴ Metre on the brass scale at 62° Fahr. = 39·36965 inches, or 0·01244 inch in deficiency,

H. W. Chisholm,
Warden of the Standards.

6. Result of comparison of 0—36 inch of this scale.

6. The error of the length 0—36 inches on Dollond's scale (— 0·00039 inch) here appears to be 0·00022 inch more in 1876 than by Kater's definitive measurement in terms of the Shuckburgh scale in 1830 and 1831(— 0·00017 inch). But to ascertain the real difference, we must consider the relation of 0 — 36 inches of the Shuckburgh scale to the length of the new Imperial Standard yard.

7. Relation of 0—36 in. of the Shuckburgh scale to the new Imperial Standard yard.

7. During the construction of the new Imperial Standard of length, no direct comparison was made with it of 0 — 36 in. of the Shuckburgh scale. The intermediate bar actually used by Mr. Sheepshanks as the basis of construction of the new Standard, was termed by him "brass bar 2," and its value in terms of the lost Standard yard was determined by him from comparisons which he made of this bar with five of the most authoritative Standard yards that had been directly compared with the lost Standard. Amongst these last comparisons was

that of Kater's already stated, whence Sheepshanks deduced from his own comparisons of brass bar 2 in 1848 : Phil. Trans., 1857, Part III., p. 44.

| | inch. |
|---|---|
| 0 — 36 in. Shuckb. scale = lost Imp. Stand. yard | + 0·000090 |
| Brass bar 2 = 0 — 36 Shuckb. scale | — 0·000006 |
| ∴ Brass bar 2 = lost Imp. Stand. yard | + 0·000084 |

But the definitive value of brass bar 2 was taken from the mean result of all the five comparisons, being

Brass bar 2 = lost Imperial Standard yard + 0·000234 inch. Sheepshanks actually took as the basis of construction of the new Standard yard, brass bar 2 = 36·00025 inches of the lost Imperial Standard yard at 62° Fahr.

The relation of 0 —36 in. of the Shuckburgh scale to the new Standard yard is therefore to be deduced on Sheepshanks' authority, as follows :—

| | | inch. |
|---|---|---|
| Brass bar 2 at 62° Fahr. | = new Standard yard | + 0·000296 |
| 0 — 36 inch Shuckburgh scale | = brass bar 2 | + 0·000006 |
| ∴ 0 — 36 inch Shuckburgh scale | = new Standard yard | + 0·000302 |

Ib., pp. 59–61.

Sheepshanks' comparisons were made with extreme care and accuracy. The probable error of the result of a comparison is stated by him to be only ± 0·0000035 inch.

It may here be worthy of note that, deduced from the result of Kater's comparison alone of the Shuckburgh scale with the lost Standard yard,

New Imp. Stand. yard = lost Stand. yard — 0·000212 in.

But, from the mean of all the five comparisons with the lost Standard·

New Imp. Stand. yard = lost Stand. yard —0·000062 in.

8. We may now, therefore, compare the result of the recent determination of the value of 0 — 36 inch of Dollond's scale with Kater's determination in 1830–1, both in terms of the New Imperial Standard yard, as follows :— 8. Apparent difference of 0·36 in. of Dollond's scale in 1876 and in 1830–31.

| In 1830–1, | | inch. |
|---|---|---|
| 0 — 36 in. Dollond's scale | = 0 — 36 inch Shuckburgh scale | — 0·00017 |
| 0 — 36 in. Shuckburgh scale | = new Imperial Standard yard | + 0·00030 |
| ∴ 0 — 36 in. Dollond's scale | = ,, | + 0·00013 |
| In 1876, 0—36 in. Dollond's scale | = new Imperial Standard yard | — 0·00039 |
| | Difference | — 0·00052 |

This result appears to show that the length of 0—36 in. of Dollond's scale is shorter by 0·00052 inch in 1876 than in 1831.

9. As regards the length of the metre on Dollond's scale at 62° Fahr., it is stated by Kater as the result of his comparison in 1820 to be = 39·37045 inches of the Shuckburgh scale, and consequently too "short by 0·00034 inch." Kater here took 39·37079 inches of the Shuckburgh scale at 62° Fahr. to be the true equivalent of the metre at its normal temperature of 0° C., or 32 Fahr., according to his own determination in 1818. It appears both from Kater's notes, and from the result of the more recent comparisons at the Standards Office, that Kater made no reduction for temperature in his comparison of the metre on Dollond's brass scale with the scale of inches on the brass Shuckburgh scale, and that the metre on Dollonds' scale was constructed to be of the true length of the Mètre des Archives at 32°, *when it was itself at the temperature of* 62° *Fahr.* 9. Kater's value in Imperial inches of metre on Dollond's scale Phil. Trans., 1818.

10. Correction of Kater's equivalent of French metre in terms of Shuckburgh scale.

10. It is, however, of importance to observe, as regards Kater's determination in 1818 of the equivalent of the French metre in Imperial inches, now generally accepted, that this equivalent was found by him in *inches of the Shuckburgh scale;* Kater at that time considering the length of 0 — 36 inches of the Shuckburgh scale to be identical with the Standard yard. But the first 36 inches of this scale were subsequently determined by Kater himself to be equal to 36·00009 inches of the lost Standard yard. I have also already shown that 0 — 36 inches of the Shuckburgh scale were determined by Sheepshanks to be equal to 36·00030 inches of the new Imperial Standard yard.

Nor is this all. For deducing the true equivalent of the French metre in inches *of the new Imperial Standard yard*, we require to know the length in such Standard inches of the whole length of the first 39·37079 inches of the Shuckburgh scale.

It is probable that the error of this total length is somewhat less than that of the first 36 inches of the scale. For we have also on record the means of determining the length of the yard 10—46 inches of the Shuckburgh scale from Mr. Sheepshanks' observations, viz.,

| | | in. |
|---|---|---|
| Brass bar 2 | = New Standard yard | +0·000296 |
| Shuckburgh 10—46 in. | = Brass bar 2 | −0·000222 |
| ∴ Shuckburgh 10—46 in. | = New Standard yard | +0·000074 |

An accurate valuation of the length of 39·37079 inches of the Shuckburgh scale in terms of the new Standard can, however, be obtained only by an actual comparison.

hil. Trans., 818, p. 105.

Kater himself states in deducing this length of the metre that "From 0 to 39·4 in. of the Shuckburgh scale is *too short* compared with "the mean of its divisions by 0·00005 inch, which subtract." He has accordingly *deducted* this amount of deficiency to make up the equivalent of 39·37079 inches of this scale. The stated deficiency in the total length of 0—39·4 in. of the Shuckburgh scale is explained in Kater's previous paper to have been the result of comparing the mean of twenty measurements of the single tenths in the first two inches of the scale with the total distance of 0—39·4 in. by running the micrometer over these lengths. The *relative* deficiency having thus been allowed for by Kater, we have now only to determine the actual value of this part of the Shuckburgh scale in terms of the New Imperial Standard yard.

b. p. 54.

The length 0—36 of the Shuckburgh scale having been found too long by 0·00030 in., we may assume the length 0—39·4 in. to be proportionally too long 0·00033 in. in terms of the new Standard yard. The excess of length should consequently now be *added* to Kater's result in 1818; and thus the equivalent of the French metre, according to Kater's determination, ought now to be 39·37112 inches *of the Imperial Standard yard.* We may, therefore, take as the result of Kater's comparison in 1820, that he made the metre on Dollonds' scale, when at 62° F. to be equal to 39·37078 inches of the new Imperial Standard yard.

. Results of mparisons at andards ffice, of etre on Dol- nd's scale.

11. The comparison of the metre on Dollond's scale was made at the Standards Office with the bronze subdivided Standard metre, the length of which has been determined to be at 0° C, or 32° Fahr. in excess of the primary Mètre des Archives 0·00313 mm., or 0·00012 inch. This subdivided metre is marked upon the bronze bar of the Subdivided Standard yard, and from the determination of its length, the equivalent of the primary metre at 0°C has been found to be 39·37111 inches of

the Imperial Standard yard at 62° F., thus agreeing almost exactly with the corrected result of Kater's determination. The Imperial equivalent of the length of our bronze Standard metre *at 62° F.* has been found to be 39·38242 inches of the Imperial Standard yard. App. XII. to 5th Report Stand. Comm., p. 186.

The mean result of two distinct comparisons of the two metres under the microscropes was as follows; the mean temperature of the bars was 15° C, but their rate of expansion being very nearly the same, no reduction for temperature is required.

Result of comparisons of metre on Dollond's scale:

| | mm. | inches. |
|---|---|---|
| Brass metre = bronze metre | — 0·31936 or | — 0·01257 |
| Bronze metre at 62°F. = | | 39·38242 |
| ∴ Brass metre at 62° F. = | | 39·36985 |

or, too short by 0·00127 inch, if the equivalent of the French metre is 39·37112 inches

This result differs from Kater's corrected result by 0·00093 inch in deficiency, and the difference is immaterial, considering that Kater's determination has been declared by himself to be erroneous.

12. The two results agree in showing an apparent diminution in the length of the yard, and of the metre marked on Dollond's scale. But upon a consideration of all the circumstances, there is, in my opinion, no sufficient proof that any sensible change has taken place in the measure of the yard and the metre defined on Dollond's scale since their comparison by Captain Kater. 12. No proved alteration in the measures on Dollond's scale.

H. W. Chisholm,
Warden of the Standards.

Standards Office,
1st July 1876.

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## APPENDIX XI.

(See Report, p. xx.)

### Horizontal Comparing Apparatus for Standard End-Measures of Length, with Micrometer Screw and Contact Piece.

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1. This apparatus was originally constructed, under Mr. Sheepshanks' directions, by Messrs. Troughton and Simms, for the purpose of being used for comparing the end-Standard yards made at the same time as the new Imperial Standard yard. In the Astronomer Royal's account of the construction of the new Imperial Standard of length, there is, however, no mention of this apparatus, or of its having been used in the comparisons. 1. Its original construction under Mr. Sheepshanks' directions.

Since its removal to the Standards Office, it has been put in complete working order by Messrs. Troughton and Simms, and has been made available for departmental comparisons. With this object it has been placed in a convenient glass case, and has been fitted with a contact or feeling piece, to be interposed between the end of the micrometer screw and one of the defining ends of a Standard measure under comparison. Constant pressure can thus be applied to the end of the bar, upon the same principle as that adopted by Sir Joseph Whitworth in his comparing apparatus for length measures.

Fig. 2.—Mr. Sheepshanks' Horizontal Comparing Apparatus for End Measures of Length.

2. Description of the apparatus.

2. The backbone of the apparatus consists of an accurately planed bronze bar of Baily's metal, of T section. It is 44 inches long, 2 inches wide and high, and the metal is $\frac{1}{2}$ inch thick. This bar is supported upon two strong brass screws, 24 inches apart, and it is kept in its proper position, with the upper surface horizontal, by the flange of the bar being placed between two pairs of solid brass guides, through the fixed bases of which the two supporting screws pass, so that the bar can be easily raised or lowered. At each end of the bar a moveable upright piece, also of Baily's metal, is fitted to it. These two upright pieces are constructed so as to slide along the T-shaped bar. They are fixed to the supporting mahogany slab, at the requisite distance from each other, by four binding screws. (See Fig. 1.)

The end measure to be compared rests upon three brass Vs, about 12 inches apart, placed immediately over the brass bar, and supported upon stands, with the two feet screwed to the mahogany slab. The measure is thus supported quite independent of the brass bar. The upright pieces must be adjusted to the proper height, as regards the defining ends of the measure to be compared, by the screws which support the bar. The left hand end of the measure is then brought into contact with a fixed round stud having a plane vertical surface, about $\frac{1}{2}$ inch in diameter, which projects from the middle of the left-hand upright piece, whilst the other defining end of the measure is brought opposite the vertical plane end of the brass micrometer screw, which projects from the middle of the right-hand upright piece, and is about $\frac{1}{4}$ inch in diameter.

The threads of the micrometer screw are 0·01 inch apart, and there are 30 threads, so that the whole march of the screw is equal to 0·3 inch. The micrometer head is 3 inches in diameter, and has a ring of silver around it marked with 100 equal divisions and as many half divisions. A half division is thus equal to 0·00005 inch. As a half division can readily be divided by estimation, it is easy to read off in $\frac{1}{100000}$ths of an inch.

The contact or feeling piece of hardened steel with plane and parallel surfaces is rectangular about $\frac{3}{4}$ inch square and $\frac{1}{6}$ inch thick. It is suspended by a small ring from one end of a brass lever, which is

moveable in a line normal to the length of the bar, upon an axis projecting from the side of the right-hand upright piece. The contact piece can be raised by the weight of the finger on the short end of the lever. By turning the micrometer head until the pressure of the screw is only just sufficient to hold up the contact piece from falling, when released from the weight of the finger, it has been found after a little practice that consecutive readings may be taken not differing from each other more than half a division, or 0·00005 inch.

As the handle for turning the micrometer screw and the short end of the lever both project outside the glass case, as soon as an end measure is properly placed for comparison upon the Vs, the glass case can be closed until the observations are completed, and thus a more equal temperature preserved.

3. Mode of using it.

3. In comparing two end measures, the comparing Standard is first placed upon the Vs and the reading of the micrometer taken. The comparing Standard being removed, the end measure to be compared is placed in the same position upon the Vs and its reading taken. The difference between the readings of the two measures gives the difference in divisions of the micrometer between the two measures.

Two similar sets of Vs are placed in the glass case, the second on one side of the line of measurement. Thus two end measures to be compared can be placed inside the case and left a sufficient time to attain the same temperature before any comparison between them is made.

4. Value of a division of the micrometer.

4. The determination of the value of a division of the micrometer has been made by two distinct series of observations for ascertaining the exact number of divisions which correspond with the Standard measure of 0·3 inch on the graduated slider S, and on the divided inch D respectively.

For this purpose the right-hand upright piece was removed from its position on the brass bar and placed upon the carriage of the large comparing apparatus. The two Standard measures were then placed successively in position under one of the microscopes and adjusted, with one end in contact with the micrometer screw of the upright piece. The Standard measure could thus be moved forward by the action of the micrometer screw, and the number of revolutions and divisions noted corresponding with the measure of 0·3 inch. The mean result of these observations was that 30 revolutions or 3,000 divisions of the micrometer screw were found to be equal to 0·3 inch, within a fraction of a division. Whence—

$$1 \text{ division} = 0{\cdot}0001 \text{ inch.}$$

5. Its accuracy tested by a comparison of two Standard yards.

5. With the view of testing the degree of precision with which observations of end-Standards could be made with the horizontal comparing apparatus, two bronze end-Standard yards of Baily's metal were compared with it. The exact length of these two Standard yards had been determined by Mr. Sheepshanks, viz. :—

| | | |
|---|---|---|
| Bronze yard No. 45, Standard temperature | = | 62°·17 Fahr. |
| „ No. 69, „ „ | = | 61°·67 „ |
| Difference | = | 0°·52 „ |

the two yards at these temperatures being exactly the Imperial Standard yard at 62° Fahr.

As the thermometric expansion of these bronze yards had been deter-

mined by Mr. Sheepshanks to be 0·000341 inch for 1° Fahr., the difference between the two Standard yards was found by him to be—

Yard No. 45 = yard No. 69 — 0·0001773 inch, or — 1·773 div. of micrometer.

The result of the comparisons of the two Standard yards with the horizontal apparatus was as follows:—

| Observer. | $t$ of Yards. | Readings. | | ∴ No. 45=No. 69. |
|---|---|---|---|---|
| | | Bronze Yard, No. 45. | Bronze Yard, No. 69. | |
| | | div. | div. | div. |
| Mr. Chisholm - | 53·78° F. | 19·3 | 18·0 | −1·3 |
| | | 19·0 | 18·5 | −0·5 |
| | | Mean - 19·15 | 18·25 | −0·9 |
| Mr. Chaney - | 54·14 | 19·5 | 19·0 | −0·5 |
| | | 20·0 | 19·0 | −1·0 |
| | | Mean - 19·75 | 19·0 | −0·75 |

Mean result: — Yard No. 45 = yard No. 69 — 0·825 div., or — 0·0000825 inch.

In these comparisons the probable error of a single comparison was ± 0·2725 div., and of the mean result ± 0·13625 div. The mean result differs from that of Mr. Sheepshanks, made more than 20 years ago, by 0·948 div., or 0·0000948 in. It is probable that this difference may be partly attributable to a slight relative difference of temperature in the two bars, or in the comparing apparatus itself, during the comparison of each bar. For instance, it would be caused if there was a difference of only 0°·36 Fahr. in the temperature of the bars when they were actually compared. Leaving, however, quite apart the question of any possible difference of temperature, the actual result of the comparisons shows that a difference of length between two end-Standard yards may be determined by the use of this apparatus within $\frac{1}{10000}$th of an inch, when the mean of only two comparisons is taken.

H. W. Chisholm,
Warden of the Standards.

Standards Office,
1st July 1876.

# APPENDIX XII.

(See Report, p. xxxi.)

## On the Density of Gold and Silver and their Alloys.

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1. In the Report upon the verification of the Standard coin weights contained in Appendix XX. to the Fifth Report of the Standards Commission, 1870, p. 249, the details are given of the determination of the densities of the metals of which the Standard coin weights are composed, and amongst them of the density of the Standard gold used as the material of the Standard coin weights from the five-sovereign to the half-sovereign weight. As regards these details, a slight clerical error has recently been discovered in the computations for reducing the weighing in water, which affects the result of the determination of the density of the Standard gold as there shown. At the same time, as will be seen, this error makes no difference whatever in the determined weight in Standard air of the several Standard gold coin weights, which regulate the legal weight of the coins, and consequently no practical inconvenience has resulted.

1. Correction of error in density of Standard gold used for Standard gold coin weights.

The error was pointed out to me by my acute colleague of the International Metric Commission at Paris, Dr. A. J. Broch, the delegate from Norway, and Professor of Mathematics at Christiania. It occurred in the addition of the values of the Standard decimal grain weights with which the sovereign weight was compared, and it unfortunately escaped detection when the calculations were checked in accordance with our regulations. It could, however, hardly be hoped that no error should have crept in, considering the mass of computations that were then required.

The error in question occurs at p. 249 of Appendix XX., as follows:—

(1.) 1870, July 6.—Sovereign full weight of Standard gold $\triangleq$ gilt grain weights, 100, 10, 5, 1 (or 116·99927 gr.), — 6·25 div., (1 d. = 0.02023 gr.); or — 0·12644 gr.

The sum of the gilt grain weights should be 115·99927 gr.; and the consequent correction of the subsequent figures at p. 250 should be as follows:—

*Reduction of Weighings.*

| | in. | gr. |
|---|---|---|
| Weight in air ($t = 75°$ F. $b = 30{\cdot}013$) | - - | 123·27430 |
| „ water ($t$. of water = 64°·4 F.) | - - | 115·87283 |
| | gr. | 7·40147 |
| Add weight of air displaced by 115·87283 of gun metal | | 0·01652 |
| ∴ Weight of water displaced by sovereign full weight | - | 7·41799 |
| Log. weight of water displaced | - - - | 0·8702862 |
| Add log. $W^t$ - - - - - - | | 0·0005867 |
| | | 0·8708729 |
| Deduct log. $1 + e P_t$ - - - - - | | 0·0003997 |
| Whence log. V sovereign full weight | - - - | 0·8704732 |
| Deduct from log. weight in air, in grains | - - | 2·0908715 |
| Log. $\Delta$ - - - - - - | | 1·2203983 |
| ∴ Density of Standard gold sovereign, full weight | - | 16·611 |

The correction of this determination of the density of the Standard gold of which these gold coin weights are made is therefore 16·611 instead of 19·199 ; and its effect on the weight air displaced by the sovereign full weight, stated at p. 253 to be 0·00777 gr. is to correct this value to 0·00898 gr., showing the sovereign full weight to weigh in a vacuum 123·26559 gr. In Standard air its weight remains as before, 123·27408 gr., the same weight of air displaced by it being here deducted as had been previously added. The full legal weight in air is 123·27447 gr.

2. Method used gives only approximate results.

2. As stated at p. 66 of Appendix V. to the Fifth Report of the Standards Commission, this method of determining the density of Standard weights was adopted in the Standards office from the formula given by Professor Miller, at p. 792 of his account of the construction of the new Standard pound (Phil. Trans. 1856, Part III.) In calculating densities, Professor Miller employed the formulas and constants used by Schumacher in determining the density of his Standard platinum pound troy, which was taken to be the density of the two platinum troy pounds from which Professor Miller determined the actual weight of the lost Standard pound, and thence deducted the true weight of 7,000 troy grains, the value of the new Imperial Standard pound. These formulas and constants were taken by Schumacher from Bessel's paper on the reduction of weighings in the Astronomische Nachrichten, B. viii., S. 373.

3. Further process required for greater exactness.

3. But this formula, as Professor Miller is careful to observe, gives only the approximate value of the density, by assuming the true weight of the Standard to be its ascertained weight in air. It is obvious that until its density has been determined its true weight in a vacuum cannot be ascertained. A more accurate value of the density may always be obtained by taking this approximate value of the density in reducing the weight of the Standard in air to its weight in a vacuum, and by repeating this process an accurate determination may be made of the true weight and density of the Standard.

In point of fact, this more accurate method of determining the density of Standard weights has since been adopted in the Standards Office, and

was employed for the determinations of the density of the new platinum-iridium weights, an account of which is contained in Appendix IV. to my Ninth Annual Report. The correction by taking the weight in a vacuum of the sovereign full weight (123·26559 gr.) instead of its weight in air, (123·27430 gr.) has the effect of increasing the value of its density from 16·611 to 16·629, and of reducing the weight of air displaced by it from 0·00898 to 0·00897 gr.; thus making the further corrected weight in a vacuum of the Standard sovereign full weight to be 123·26558 gr., the log. of which = 2·0908400; whence $\Delta$ at 0°C = 16·630 and log. $\Delta$ = 1·2208834.

4. Dr. Broch's determination of density of English sovereigns.

4. But Dr. Broch also pointed out to me that the density of our Standard gold coin weights thus ascertained was considerably less than the mean density of the Standard gold of which our English gold coins are made. In point of fact, no test was applied to the metal of these Standard gold coin weights, nor was extreme accuracy in the proportions of fine gold and copper required, as it is in the case of our gold coins. It was requisite only to determine the actual density of the metal in order to ascertain its true weight. Dr. Broch stated also that the density of pure gold as determined at the Berlin Mint in 1848, and corrected by him was 19·3016, and that as regards gold coins of $\frac{9}{10}$ fineness, which is the normal fineness adopted in France and other countries their density is generally assumed to be 17·1, and had been determined by him as follows—

| | | |
|---|---|---|
| Mean of 60 Scandinavian gold coins | - | 17·1685 |
| „ 2 French Napoleons | - | 17·168 |
| „ 2 Danish gold 20 crowns | - | 17·168 |
| „ 2 German gold 20 marks | - | 17·220 |

From these figures, he calculated the density of Standard gold English sovereigns ought to be 17·4907. He had, in fact, determined the densities of two sovereigns of 1861 and 1869 taken together, and of two others of 1871 and 1872, as follows—

(1.) 2 sovereigns, 1871 and 1872,

≙ 15·96093 grms. in air $t$ = 13°·25 C, $b$ = 767·9 mm.
≙ 15·04999 „ water, $t$ = 16°·2

Loss of weight = 0·91094 „

$\therefore \Delta$ = 17·497

(2.) 2 sovereigns, 1861 and 1869,

≙ 15·91537 grms. in air, $t$ = 14°·7, $b$ = 768·6 mm.
≙ 15·00548 „ water. $t$ = 17°·0

Loss of weight = 0·90989 „

$\therefore \Delta$ = 17·466

Mean $\Delta$ = 17·482

thus agreeing very nearly with his theoretical determination.

Dr. Broch subsequently informed me that he had, in like manner, determined the mean density of 10 English sovereigns, 3 of 1872
2 of 1873
5 of 1874

to be 17·4864; but that he found the mean density of three Australian sovereigns 1 of 1860
2 of 1867

to be 17·9002, showing that unless they contained a portion of the heavier metals, such as platinum, iridium, osmium, &c. they must contain 2 per cent. too much gold.

5. Determinations in Standards Office.

5. In the mean time the following further determinations of the density of some of our sovereigns, as well as of the carefully assayed Standard trial plates for determining the fineness of our coins, have been made at the Standards Office :—

| | | grains. | |
|---|---|---|---|
| (1.) | 1876, Feb. 6, Royal Mint sovereign 1856 | $\triangleq$ 122·536 | of bronze, in air $t=59·0°$ F. $b=29·95$ in. |
| | „ „ „ | = 122·527 | in a vacuum |
| | „ „ „ | $\triangleq$ 115·550 | in water - - $t=57·8°$ |
| | Loss of weight = | 6·977 | |
| | | | $\therefore \Delta=17·47873$ |
| (2.) | „ Sydney sovereign 1875 | $\triangleq$ 123·162 | of bronze, in air, as before, |
| | „ „ „ | = 123·153 | in a vacuum |
| | „ „ „ | $\triangleq$ 116·140 | in water - $t=57·8°$ |
| | Loss of weight = | 7·013 | |
| | | | $\therefore \Delta=17·51727$ |
| (3.) | „ Royal Mint half-sovereign | $\triangleq$ 61·677 | of bronze in air $t=58·2°$, $b=29·95$ in. |
| | „ „ | = 61·672 | in a vacuum |
| | „ „ | = 58·151 | in water - - $t=62°$ |
| | Loss of weight = | 3·521 | |
| | | | $\therefore \Delta=17·47336$ |
| | Mean of (1) (2) (3) | | $=17·48979$ |
| | Mean of (1) (3) | | $=17·47610$ |

These results agree very nearly with the mean result of Dr. Broch's determinations, and with his theoretical determination of the normal density of our gold coinage.

The following is a summary of these several determinations of the density of English sovereigns coined at the Royal Mint :—

| | | | |
|---|---|---|---|
| By Dr. Broch. | Mean density of | 4 sovereigns | = 17·482 |
| „ | „ | 10 „ | = 17·486 |
| By Standards Office. | „ | 2 „ | = 17·489 |
| | Mean of all = | | 17·486 |

6. Greater density of some Australian sovereigns.

6. A fourth determination of the density of an Australian sovereign agrees also with the greater density proved by Dr. Broch, viz.,

| | | gr. | |
|---|---|---|---|
| (4.) | 1876, Feb. 6, Sydney sovereign 1859 | $\triangleq$ 122·416 | of bronze, in air $t=59°·0$ F. $b=29·95$ in. |
| | „ | $\triangleq$ 115·600 | „ in water, $t=57·8°$ |
| | Loss of weight = | 6·816 | |
| | | | $\therefore \Delta=17·937$ |

The increase of density thus found (= 0·451) is probably attributable to an alloy of silver having been used for the earlier Australian sovereigns.*

---

* Dr. Broch has since informed me that one of these Australian sovereigns was analysed by M. Peligot at the Paris Mint, and that its component parts were,

| | |
|---|---|
| Gold | 917 parts |
| Silver | 75 |
| Copper | 8 |
| | 1000 |

No trace of platinum was found. From this analysis Dr. Broch thus computes the density of the coin :—

Whilst the density of gold is 19·3 and that of copper is about 8·9, the density of silver is about 10·5. From these data the relative densities of the two alloys may be computed as follows :—

$$\begin{aligned} 11 \div 19{\cdot}3 &= 0{\cdot}569948 \\ 1 \div 8{\cdot}9 &= 0{\cdot}112359 \\ \hline 12 \div \qquad & \overline{0{\cdot}682307} = 17{\cdot}5874 \end{aligned}$$

And

$$\begin{aligned} 11 \div 12{\cdot}3 &= 0{\cdot}569948 \\ 1 \div 10{\cdot}5 &= 0{\cdot}095237 \\ \hline 12 \div \qquad & \overline{0{\cdot}665185} = 18{\cdot}0400 \end{aligned}$$

Difference = 0·4526

7. It has been deemed desirable also to determine the density of the Standard gold of which the Trial plates used at Trials of the Pyx for determining the fineness of the gold coins issued at the Royal Mint are composed, as these plates have been most carefully verified by assay at the Royal Mint, and at Goldsmith's Hall, and found to be duly composed of fine gold and copper alloy in the proportions of 11 and 1 respectively as required by law. The following pieces of the Standard gold trial plate remaining in my custody were selected for the experiments, their weight in air having been stated at p. 68 of my report on the construction of these Standard trial plates to have been found as now stated, viz., 7. Determination of density of Standard gold trial plates. See App. VII. to 8th Annual Report.

| | Troy oz. | gr. |
|---|---|---|
| No. 3 | = 5·935 | or 2848·80 |
| No. 7 | = 6·263 | or 3006·24 |
| No. $8^2$ | = 4·324 | or 2075·52 |

The weight of all the Standard trial plates has since been a little reduced by the engraving upon them. They are of rolled metal, and each trial piece is stamped with the Queen's head of the half sovereign, and with the stamp of the Standards Department of the same size.

The following weighings in air were made in order to determine with accuracy the true weight both in air and in a vacuum of these three pieces of the Standard gold trial plate. They were compared with equivalent Standard weights taken from the set of platinum-iridium decimal grain weights, designated as P—i, the account of the construction and verification of which is contained in Appendix V. to my Ninth Annual Report. The density of the 2,000 gr. P-i has been there shown to be 21·42020, and the density of the 1000 gr., and smaller P-i weights to be 21·38790.

| | | gr. | ° | mm. |
|---|---|---|---|---|
| (1) | 1876, Feb. 24, trial piece, No. $8^2$ ≏ P-i 2075·31957 gr. | − 0·02176 or = 2075·29781 | $t$ = 15·40 C. | $b'$ 758·18 |
| (2) | „ 25, „ No. 3 ≏ P-i 2848·05274 gr. | + 0·00828 or = 2848·06102 | $t$ = 15·40 C. | $b$ = 758·18 |
| (3) | „ „ No. 7 ≏ P-i 3005·83989 gr. | − 0·01524 or = 3005·82465 | $t$ = 16·0 C. | $b$ = 758·18 |

(1.) Here, with the corrected density of 17·48763 (as subsequently found), No. $8^2$ displaced 0·144 gr. of air, and P-i with a density of 21·42020 displaced 0·11793 gr. of air; excess by P-i weights 0·02656 gr.

∴ In a vacuum No. $8^2$ = 2075·32437.

---

Gold 917, Δ = 19·3016, volume = 47·509 cubic centimetres
Silver 75, Δ = 10·55 , „ = 7·109 „
Copper 8, Δ = 8·9 , „ = 0·899 „ ∴ $\Delta = \frac{1000}{55{\cdot}517} = 18{\cdot}012$

55·517 „

(2.) Here, with the corrected density of 17·47681 (as subsequently found), No. 3 displaced 0·19841 gr. of air, and with the mean density of 21·41092 P-i displaced 0·16191 gr. of air; excess by P-i = 0·03650 gr.

∴ In a vacuum, No. 3 = 2848·09752 gr.

(3.) Again, with the corrected density of 17·48420 (as subsequently found), No. 7 displaced 0·20885 gr. of air, and with a mean density of 21·40943 P-i displaced 0·17051 gr. of air; excess by P-i = 0·03834 gr.

∴ In a vacuum, No. 7 = 3005·86299 gr.

Dr. Broch computes the co-efficient of cubic expansion of English Standard gold, composed of 11 parts fine gold, and 1 part copper, to be 0·0000434, from the following data:

M. Fizeau's determination of the expansion of gold and copper, viz.:—

Co-efficient of linear expansion of—

Pure gold for 1° C. = 0·00001415 at about 12° C.
Pure copper „ = 0·00001608 „

Whence co-efficient of cubic expansion of—

Pure gold for 1° C. = 0·00004245 „
Pure copper „ = 0·00004824 „

Whilst—

Δ Pure gold „ = 19·302 „
Δ Pure copper „ = 8·6 „

From this computation the following table of the density of Standard gold at different temperatures has been made, and used for the foregoing reductions to a vacuum:—

Logarithms of the ratio of density of Standard gold $\frac{11}{12}$ fine at 0° C. to its density at $t°$, assuming the co-efficient of cubic expansion for 1° C., at 12° C. to be 0·000434, and log. 1·0000434 = 0·000018844.

| $t$. | Log. Au. Cu. | — |
|---|---|---|
| °C | | |
| 0 | = 0·0000000 | |
| 1 | = 188 | |
| 2 | = 377 | |
| 3 | = 565 | |
| 4 | = 754 | |
| 5 | = 942 | |
| 6 | = 1130 | °0·1 = 19 |
| 7 | = 1319 | 0·2 = 38 |
| 8 | = 1508 | 0·3 = 57 |
| 9 | = 1696 | 0·4 = 75 |
| 10 | = 1884 | 0·5 = 94 |
| 11 | = 2072 | 0·6 = 113 |
| 12 | = 2261 | 0·7 = 132 |
| 13 | = 2449 | 0·8 = 151 |
| 14 | = 2638 | 0·9 = 170 |
| 15 | = 2826 | |
| 16 | = 3016 | |
| 17 | = 3204 | |
| 18 | = 3392 | |
| 19 | = 3580 | |
| 20 | = 3769 | |

For the weighings in water of these pieces of the Standard gold trial plates, they were compared with a corresponding weight of the same set of P-i weights, in the left pan of Balance, No. 3, the counterpoise in the right pan being decimal grain weights of bronze, No. 5 set, $\Delta = 8{\cdot}151$. The weighings of the Standard gold plates were made in water twice distilled in the Standards Office, and boiled to expel the air. Two distinct weighings were made in water with the following results :—

WEIGHINGS in WATER of STANDARD GOLD TRIAL PIECES, Nos. $8^2$, 3, and 7.

| No. | Date. | Compared Standard Gold Trial Piece. | Value of comparing P-i Grains Weights. | Difference of Compared. | *t.* Air. | *b.* reduced to 0°C. | *t.* of Water. |
|---|---|---|---|---|---|---|---|
| | 1876. | | gr. | | ° | mm. | ° |
| (1) | March 2 | No. $8^2$ | ≙1956·73451 | +0·01718 | 16·66C. | 758·20 | 16·11C. |
| (1*) | „ 3 | „ | ≙1956·83492 | +0·00014 | 16·77 | 756·39 | 15·13 |
| | | | Mean - 1956·78472 | +0·00866 | 16·72 | 757·30 | 15·62 |
| (2) | March 2 | No. 3 | ≙2685·36822 | −0·00964 | 16·66 | 758·20 | 16·33 |
| (2*) | „ 3 | „ | ≙2685·26683 | +0·03358 | 16·66 | 756·39 | 15·07 |
| | | | Mean - 2685·31753 | +0·01197 | 16·66 | 757·30 | 15·71 |
| (3) | March 2 | No. 7 | ≙2834·25558 | −0·10379 | 16·66 | 758·20 | 16·16 |
| (3*) | „ 3 | „ | ≙2834·25558 | −0·08619 | 16·66 | 756·39 | 16·05 |
| | | | Mean - 2834·25558 | −0·09499 | 16·66 | 757·300 | 16·11 |

The following are the results of these weighings of the three Standard gold plates in air and in water, after allowing for the following weight of air displaced by the P-i weights, viz. :—

1956·78472 gr. P-i displaced 0·11068 gr. of air.
2685·31753 „ 0·15211 „
2834·25558 „ 0·16055 „

From (1), Standard gold plate No. $8^2$ weighs gr. 2075·32437 in a vacuum.
And 1956·68270 in water.

Loss of weight 118·64167

$\therefore \Delta$ No. $8^2 = 17{\cdot}48763$

From (2), Standard gold plate No. 3 weighs 2848·09752 in a vacuum.
Add 2685·17739 in water.

Loss of weight 162·92013

$\therefore \Delta$ No. 3 $= 17{\cdot}47681$

From (3), Standard gold plate No. 7 weighs 3005·86299 in a vacuum.
Add 2834·00004 in water.

Loss of weight 171·86295

$\therefore \Delta$ No. 7 $= 17{\cdot}48429$

Mean $\Delta$ at 0° C. of Standard gold trial plates $= 17{\cdot}48288$
Log $\Delta$ = 1·2426129

The total weight in a vacuum of the three Standard gold trial pieces No. $8^2$, 3, and 7 was thus 7929·28488 grains. This result was subsequently checked by weighing the three plates together against P-i Standard weights, when their true weight in a vacuum was found to be 7929·28509 grains.

The density of these Standard gold trial pieces was also determined together as follows:—

| No. | Date. | Plates. | Counterpoise P-i. | Difference. | $t$, Air. | $b$ at 0°C. | $t$. Water. |
|---|---|---|---|---|---|---|---|
| | 1876. | | gr. | gr. | ° | mm. | ° |
| (4) | Mar. 14 | No. $8^2+3+7$ | ≏7476·13646 | +0·00888 | 15·28C | 753·86 | 13·06C. |
| (4*) | „ 16 | „ | ≏7476·33623 | −0·23892 | 14·44 | 754·37 | 13·88 |

gr.

Here, 7476·13646 P-i displaced 0·42312 gr. of air.
And 7476·33623 „ 0·42474 gr.

From (4), the three Standard gold plates weigh 7929·28509 in a vacuum.
And 7475·72222 in water.

Loss of weight = 453·56287 $\therefore \Delta = 17{\cdot}478$

From 4*, - - - They weigh 7929·28509 in a vacuum.
And 7475·67257 in water.

Loss of weight = 453·61252 $\therefore \Delta = 17{\cdot}474$

Mean $\Delta = 17{\cdot}476$

Whence mean density of the Standard gold plates = 17·479. Mean log. $\Delta$ = 1·2425309.

8. Determination of density of pure gold trial plates.

8. The density of pure gold was next determined by weighing three pieces of the pure gold Standard trial plates. The weighings in air were as follows:—

WEIGHINGS in AIR of PIECES of PURE GOLD STANDARD TRIAL PLATE.

| | | | gr. | gr. | |
|---|---|---|---|---|---|
| (1) | 1876, March 21, | Piece No. 5 | ≏P-i 2947·84383 | −0·01440 or 2947·82943 | $t$=60° F. $b$=29·90 in. |
| (2) | „ | Piece No. 7 | ≏P-i 2876·25246 | +0·01390 or 2876·26636 | $t$=59°·01, $b$=29·90 in. |
| (3) | „ | Piece No. $8^2$ | ≏P-i 1511·52060 | +0·00648 or 1511·52708 | $t$=59°·51, $b$=29·90 in. |
| (4) | „ | Pieces 5, 7, $8^2$ | ≏P-i 7335·61916 | +0·00525 or 7335·62441 | $t$=60°·22, $b$=29·90 in. |

For reducing the weight in air, the following table of the ratio of the density of pure gold to its density at $t$ has been prepared:—

Logarithms of the ratio of the density of pure gold at 0° C. to its density at $t°$, assuming the coefficient of linear expansion of pure gold for 1° C. at the mean temperature of atmospheric air in comparing rooms, or at 16° C. to be 0·00001423 according to M. Fizeau's determination. Whence coefficient of cubic expansion for 1° C. = 0·00004269, and log. 1·00004269=0·00001854.

| $t$. | Log. Au. | — |
|---|---|---|
| °C. | 0·0000000 | |
| 1 | 185 | |
| 2 | 371 | |
| 3 | 556 | |
| 4 | 742 | |
| 5 | 927 | 0°·1 = 18 |
| 6 | 1112 | 0·2 = 37 |
| 7 | 1298 | 0·3 = 56 |
| 8 | 1483 | 0·4 = 74 |
| 9 | 1669 | 0·5 = 93 |
| 10 | 1854 | 0·6 = 111 |
| 11 | 2039 | 0·7 = 130 |
| 12 | 2225 | 0·8 = 148 |
| 13 | 2410 | 0·9 = 167 |
| 14 | 2596 | |
| 15 | 2781 | |
| 16 | 2966 | |
| 17 | 3152 | |
| 18 | 3338 | |
| 19 | 3523 | |
| 20 | 3708 | |

From (1), No. 5 = 2947·82943 gr. in air, of which No. 5 displaced 0·18631 gr. and P-i displaced 0·16797 gr. Excess by No. 5=0·01834.

∴ In a vacuum, pure gold plate No. 5 = 2947·84777 gr.

From (2), No. 7 = 2876·26636 gr., in air, of which No. 7 displaced 0·18204 gr. and P-i 0·16420; excess by No. 7 = 0·01784,

∴ In a vacuum, pure gold plate No. 7 = 2876·28420 gr.

From (3), No. $8^2$ = 1511·52708 in air, of which No. $8^2$ displaced 0·09564, and P-i 0·08621; excess by No. $8^2$ = 0·00943 gr.,

∴ In a vacuum, pure gold plate No. $8^2$ = 1511·53651 gr.

and the three pure gold plates together = 7335·66848 gr.

These results are checked by (4), where No. 5 + No. 7 + No. $8^2$ = 7335·62441 gr. in air, of which No. 5 + No. 7 + No. $8^2$ displaced 0·46335, and P-i 0·41771 gr.; excess by No. 5 + No. 7 + No. $8^2$ = 0·04564 gr.

∴ In a vacuum, No. 5 + No. 7 + No. $8^2$ = 7335·67005. gr.

The results of the weighings in water of the three pure gold plates against P-i weights in air are as follows :

| No. | Date. | Compared Pure Gold Plate. | Value of P-i Grain Weights. | Difference of Compared. | *t.* of Air. | *b.* reduced to 0°C. | *t.* of Water. |
|---|---|---|---|---|---|---|---|
| | 1876. | | gr. | gr. | ° | mm. | ° |
| (1) | Mar. 21 | No. 5 | =2795·15664 | +0·00383 | 15·68C. | 759·45 | 13·39 C. |
| (1*) | „ 24 | „ | =2795·15664 | +0·03328 | 14·44 | 755·13 | 13·00 |
| | | | Mean - 2795·15664 | +0·01856 | 15·06 | 757·29 | 13·20 |
| (2) | „ 23 | No. 7 | =2727·46492 | +0·02841 | 15·22 | 759·45 | 14·28 |
| (2*) | „ 24 | „ | =2727·31487 | −0·04943 | 14·44 | 755·13 | 12·83 |
| | | | Mean - 2727·38990 | −0·01051 | 14·83 | 757·29 | 13·56 |
| (3) | „ 21 | No. $8^2$ | =1433·23478 | +0·07925 | 15·68 | 759·45 | 13·06 |
| (3*) | „ 24 | „ | =1433·24752 | −0·02644 | 14·44 | 755·13 | 13·06 |
| | | | Mean - 1433·24115 | +0·02642 | 15·06 | 757·29 | 13·06 |

After allowing for the following weight of air displaced by the P-i weights, viz., 2795·15664 gr. P-i displaced 0·15924 gr. of air.
2727·38990 „ 0·15535 „
1433·24115 „ 0·08164 „
the results of these weighings in air and in water are as follows :

From (1),

gr.
Pure gold plate No. 5 weighs 2947·84777 in a vacuum.
and 2795·01596 in water.

Loss of weight 152·83181 ∴ △ No. 5 = 19·28737.

From (2),

Pure gold plate No. 7 weighs 2876·28420 in a vacuum.
and 2727·22404 in water.

Loss of weight 149·06016 ∴ △ No. 7 = 19·29472

From (3),

Pure gold plate No. $8^2$ weighs 1511.53651 in a vacuum.
and 1433·15951 in water.

Loss of weight 78·37700 ∴ △ No. $8^2$ = 19·28490

Mean log. △ = 1·2853096 Mean △ = 19·28900

A further determination of the density of the three pure gold plates taken together gave the following result—allowing for the weight of air = 0·39747 gr. displaced by 6955·8815 gr. P–i, *t* of water = 15°·11 C. ;

Pure gold plates No. 5 + No. 7 + 8[2]

weighed 7335·67005 gr. in a vacuum.
and 6955·49550 in water.

Loss of weight 380·17455

$\therefore \Delta = 19{\cdot}29120.$

Whence the mean density of the pure gold trial plates of rolled metal, and each plate bearing the stamp of the half sovereign Queen's head, and a second stamp of the same size, may be taken to be 19·2906.

A determination at the Royal Mint of the density of an ingot of fine gold weighing 70 oz. gave the following results :

Cast ingot, $\Delta = 19{\cdot}2945,$

and after passing once through the rollers,

$\Delta = 19{\cdot}2982.$

9. The determination of the density of Standard silver was similarly made by weighing three pieces of the Standard silver trial plate in air and in water. 9. Determination of density of Standard silver trial plates.

*Weighings in Air.*

1876. April 3.

(1) Standard silver trial piece, No. 1 ≏ P–i 3199·34286 gr. − 0·00945 or, 3199·33341 gr. - - - } $t = 18°{\cdot}22$ C. $b = 772{\cdot}91$ mm.

(2) Standard silver trial plate, No. 9 ≏ P–i 2941·09645 gr. + 0·00117 or, 2941·09762 gr. - - - } $t = 17°{\cdot}78$ $b = 772{\cdot}91$ mm.

(3) Standard silver trial piece, No. 14 ≏ P–i 3336·96116 gr. + 0·00470 or, 3336·96586 gr. - - - } $t = 17°{\cdot}22$ $b = 772{\cdot}91$ mm.

(4) Do., No. 1 + No. 9 + No. 14 ≏ P–i 9477·35954 gr., + 0·00806 or, 9477·36760 gr. - - - } $t = 18°{\cdot}22$, $b = 772{\cdot}91$ mm.

From (1) No. 1 = 3199·33341 gr. in air, and taking the density of this Standard silver to be 10·34078 and its coefficient of cubic expansion for 1° C to be 0·00005636, the weight of air displaced by No. 1 = 0·38015 gr. and by P–i = 0·18369 gr. ; excess by No. 1 = 0·19646 gr.

∴ In a vacuum, Standard silver plate No. 1 = 3199·52987 gr.

From (2) No. 9 = 2941·09762 gr. in air, of which No. 9 ($\Delta$ = 10·33957) displaced 0·35007 gr. and P–i 0·16914 gr. ; excess by No. 9 = 0·18093 gr.

∴ In a vacuum, Standard silver plate No. 9 = 2941·27855 gr.

From (3) No. 14 = 3336·96586 gr. in air, of which No. 14 ($\Delta$ = 10·34155) displaced 0·39794 gr. and P–i 0·19231 ; excess by No. 14 = 0·20563 gr.

∴ In a vacuum, Standard silver plate No. 14 = 3337·17149 gr.

From (1), (2), and (3) the three Standard silver plates weighed in a vacuum, 9477·97987 gr.

Again, from (4) No. 1 + No. 9 + No. 14 = 9477·36760 gr. in air, of which No. 1 + No. 9 + No. 14 displaced 1·12612 gr. and P–i 0·54401 gr. ; excess by No. 1 + No. 9 + No. 14 = 0·59017 gr.

∴ In a vacuum, No. 1 + No. 9 + No. 16 = 9477·94971 gr.

WEIGHINGS in WATER of STANDARD SILVER TRIAL PIECES.

| No. | Date. | Compared Standard Silver Trial Piece. | Value of Comparing P-i Grain Weights. | Difference of Compared. | *t*. Air. | *b*. reduced to 0°C. | *t*. Water. |
|---|---|---|---|---|---|---|---|
| | 1876. | | gr. | gr. | ° | mm. | ° |
| (1) | May 30 | No. 1 | 2890·24775 | −0·02927 | 14·55C. | 766·56 | 11·51 C. |
| (1*) | June 1 | „ | 2890·19726 | ±0·00000 | 14·00 | 768·59 | 10·84 |
| | | | Mean - 2890·22251 | −0·01463 | 14·28 | 767·57 | 11·18 |
| (2) | „ | No. 9 | 2656·91927 | −0·03459 | 14·50 | 769·35 | 11·26 |
| (2*) | „ | „ | 2656·86935 | +0·02870 | 14·00 | 768·59 | 11·24 |
| | | | Mean - 2656·89432 | −0·00294 | 14·25 | 769·10 | 11·23 |
| (3) | „ | No. 14 | 3014·53603 | +0·04687 | 14·50 | 769·35 | 11·22 |
| (3*) | „ | „ | 3014·53603 | +0·01358 | 14·00 | 768·59 | 11·11 |
| | | | Mean - 3014·53603 | +0·03023 | 14·25 | 769·10 | 11·18 |

Allowing for the following weight of air displaced by the P-i weights, viz. :—

2890·22251 gr. P-i displaced 0·16705 gr. of air
2656·89432 „ 0·15388 „
3014·53603 „ 0·17461 „

the results of these weighings of the Standard silver plates in air and in water are as follows :—

| | gr. | |
|---|---|---|
| From (1), Standard silver plate No. 1 weighs in a vacuum | 3199·52987 | |
| and in water | 2890·04083 | |
| Loss of weight | 309·48904 | |
| ∴ Δ No. 1 = | | 10·34078 |
| From (2), Standard silver plate No. 9 weighs in a vacuum | 2941·27855 | |
| and in water | 2656·73750 | |
| Loss of weight | 284·54105 | |
| ∴ Δ No. 9 = | | 10·33957 |
| From (3), Standard silver trial plate No. 14 weighs in a vacuum | 3337·17149 | |
| and in water | 3014·391 5 | |
| Loss of weight | 322·77954 | |
| ∴ Δ No. 14 = | | 10·34155 |
| ∴ Mean log. Δ = 1·0145466. | Mean Δ = | 10·3405. |

10. Determination of density of pure silver trial plates.

10. In like manner the density of the pure silver trial plates has been determined as follows :—

| | Weighings in air. | gr. | gr. | ° | mm. |
|---|---|---|---|---|---|
| (1) | 1876, June 7. Piece No. 7 ≙ P-i | 3508·61688 | + 0·01169 | *t* = 15·33 C. | *b* = 761·99 |
| | or = | 3508·62857 | | | |
| (2) | „ „ No. 8 ≙ P-i | 3525·49571 | + 0·00275 | *t* = 15·33 | *b* = 761·99 |
| | or = | 3525·49846 | | | |
| (3) | „ „ No. 10 ≙ P-i | 3552·11432 | + 0·00096 | *t* = 15·33, | *b* = 761·99 |
| | or = | 3552·11528 | | | |

Here No. 7 + 8 + 10 weigh together in air 10586·25771 gr.

(4) June 7. Pieces Nos. 7, 8, & 9 ≙ P-i 10586·34515 + 0·01059
or = 10586·35574 gr.

From (1), No. 7 = 3508·62857 gr. in air, and taking the density of No. 7 to be 10·5046, and the coefficient of cubic expansion of pure silver for 1° C. to be 0·00005655, at the mean temperature of 15° C., the weight of air displaced by No. 7 = 0·40891 gr. and by P-i = 0·20074 gr.; excess by No. 7 = 0·20817 gr.,

gr.

∴ In a vacuum, No. 7 = 3508·83674

From (2), No. 8 = 3525·49846 gr. in air, and taking the density of No. 8 to be 10·5056, weight of air displaced by No. 8 = 0·41083, and by P-i = 0·20170 gr.; excess by No. 7 = 0·20913 gr.,

∴ In a vacuum, No. 8 = 3525·70759

From (3), No. 10 = 3552·11528 gr. in air, and taking the density of No. 10 to be 10·5048, weight of air displaced by No. 10 = 0·41397, and by No. 100·20323 gr.; excess by No. 10 = 0·21074 gr.,

∴ In a vacuum, No. 10 = 3552·32602

And No. 7 + No. 8 + No. 10 = 10586·87035

From (4), No. 7 + No. 8 + No. 9 = 10586·35574 gr. in air, and taking the mean density to be 10·505, weight of air displaced by No. 7 + No. 8 + No. 9 = 1·23373, and by P-i = 0·605358 gr.; excess by No. 7 + No. 8 + No. 9 = 0·62835 gr.,

∴ In a vacuum, No. 7 + No. 8 + No. 10 = 10586·98409

The results of the weighings in water of the three pure silver plates are as follows:—

| No. | Date. | Compared Silver Plate. | Value of P-i Weights. | Difference of Compared Plate. | *t.* of Air. | *b.* reduced to 0°C. | *t.* of Water. |
|---|---|---|---|---|---|---|---|
| | 1876. | | gr. | gr. | ° | mm. | ° |
| (1) | June 2 | No. 7 | 3174·94745 | +0·02586 | 14·30 C. | 763·26 | 14·03 C. |
| (1*) | „ | „ | 3174·94562 | +0·00748 | 14·06 | 764·53 | 14·05 |
| | | | Mean - 3174·94654 | +0·01667 | 14·18 | 763·89 | 14·04 |
| (2) | „ | No. 8 | 3190·32238 | −0·02779 | 14·30 | 763·26 | 14·00 |
| (2*) | „ | „ | 3190·22282 | +0·00656 | 14·06 | 764·53 | 14·05 |
| | | | Mean - 3190·27260 | −0·01062 | 14·18 | 763·89 | 14·03 |
| (3) | „ | No. 10 | 3214·31916 | +0·00295 | 14·06 | 764·53 | 14·00 |
| (3*) | „ | „ | 3214·31916 | −0·00098 | 14·30 | 763·26 | 13·98 |
| | | | Mean - 3214·31916 | +0·00099 | 14·18 | 763·89 | 13·99 |

Allowing for the following weights of air displaced by the P-i weights, viz.:—

| gr. | | gr. |
|---|---|---|
| 3174·94654 | P-i displaced | 0·18288 of air. |
| 3190·27260 | „ | 0·18376 |
| 3214·31916 | „ | 0·18515 |

the following are the results of these weighings in air and in water :—

From (1), pure silver plate No. 7 weighs—

| | gr. |
|---|---|
| In a vacuum | 3508·83674 |
| In water | 3174·78033 |
| Loss of weight = | 334·05641 |

$\therefore \Delta = 10{\cdot}5046$

From (2), pure silver plate No. 8, weighs—

| | gr. |
|---|---|
| In a vacuum | 3525·70759 |
| In water | 3190·07822 |
| Loss of weight = | 335·62937 |

$\therefore \Delta = 10{\cdot}5056$

From (3), pure silver plate No. 10 weighs—

| | gr. |
|---|---|
| In a vacuum | 3552·32602 |
| In water | 3214·13500 |
| Loss of weight = | 338·19102 |

$\therefore \Delta = 10{\cdot}5048$

Mean - $\Delta = 10{\cdot}505$, $\log \Delta = 1{\cdot}0213983$

11. Summary of results of density of gold and silver and their alloys.

11. The following is a summary of the mean results of the weighings of gold and silver coins and Standard trial pieces, and the densities obtained :—

| | | | |
|---|---|---|---|
| Gold coins $\frac{9}{10}$ fine, | 60 | Scandinavian coins, | $\Delta = 17{\cdot}1685$ |
| | 2 | French Napoleons - | 17·168 |
| | 2 | Danish 20-Crowns - | 17·168 |
| | 2 | German 20-Marks - | 17·220 |
| „ $\frac{11}{12}$ fine, | 4 | Royal Mint Sovereigns, 1861–72 | 17·482 |
| | 10 | „ „ 1872–4 | 17·4864 |
| | $1\frac{1}{2}$ | „ „ 1856 | 17·4761 |
| | 3 | Australian sovereigns, 1860–7 | 17·9002 |
| | 1 | Sydney Sovereign, 1859 | 17·937 |
| | | „ „ 1875 | 17·517 |
| Trial pieces, Standard gold $\frac{11}{12}$ fine - | | | 1873 17·483 |
| Pure gold - - - | | | „ 19·289 |
| Standard silver, $\frac{37}{40}$ fine - | | | „ 10·340 |
| Pure silver - - - | | | „ 10·505 |

H. W. Chisholm,
Warden of the Standards.

Standards Office,
July 1st, 1876.

# APPENDIX XIII.

(See Report, p. xxxi.)

On the Scientific Method of determining the Specific Gravity or Density of a Solid Body, together with its application to Gold Coins. By Dr. O. J. Broch. (Translated from the "Norwegian Nyt. Mag. for Naturvsk," Christiania, 1876.)

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[The following translation of Dr. Broch's paper is appended, as containing valuable and useful information, not only upon the subject of the scientific method of determining the density of bodies, and his actual determination of the density of gold coins, but also as regards the proposed method of determining the fineness of gold and silver coins, from a determination of their density, a method preferable in his opinion to the usual test of assaying, as being more scientifically accurate and reliable than the ordinary chemical analysis, with the further advantage of not injuring the coins.

His reference also to the Scandinavian practice of adopting a second and narrower legal limit of toleration for the average weight of a considerable number of coins, when it amounts to a specified total weight, than is allowed for simple coins, appears to deserve consideration in this country, where under the Coinage Act, 1870, the remedy allowance per mille in the weight of any number of coins is the same as for a single coin.

H. W. Chisholm.]

1. By the specific gravity of a body is understood the relation between its weight in a vacuum, and the weight, also in a vacuum, of an equal volume of pure water at the temperature of its maximum density (+4° C); the volume of the body is taken at 0° C. 1. Definition of specific gravity.

2. Specific gravity of a body determined by weighing it in air and in water.

2. The weight of the equal volume of water is found by weighing the body when immersed in pure water; as by this means, in consequence of the law of Archimedes, the body loses so much in weight, as the quantity of water displaced by it weighs. Accordingly the body is first weighed in air by putting it into one scale of the balance with a counterpoise in the other scale, and then taking away the body and ascertaining the sum of weights which, when substituted for the body, produces the same condition of equipoise. The next process is to weigh the body when suspended by a metal thread in pure water, and to ascertain the sum of the additional weights which, placed in the same pan of the balance, will again produce an equipoise. These additional weights show the weight of an equal volume of water. The metal thread, by which the body is suspended in the water, must of course be attached to the scale at the first weighing in air, and in both weighings be carefully immersed to the same depth in the water.

To insure against the attachment of air bubbles when the body is immersed in water, the water should be boiled for some time, whilst the body is immersed in it, and afterwards it should be left to cool.

3. Formula of reduction of weighings.

3. In order to determine the specific gravity from these two weighings in air and in water, the formula of reduction of the weighings in air to a vacuum, and of the weighings in water to the normal temperature of $+4°$ C for the water, and to the different normal temperature of 0°C for the body weighed, will now be described.

Let $p$ be the observed weight of the body in air.
- $t$ temperature of the air.
- $b$ the actual barometric pressure.
- $\epsilon$ weight of 1 cubic centimetre of air at the observed temperature and barometric pressure.
- $k$ coefficient of cubic expansion of the body.
- $\kappa$ coefficient of cubic expansion of the weight.
- $d$ specific gravity of the body.
- $\delta$ specific gravity of the weights (in the scales).
- $p'$ the loss of weight of the body in water, observed at the second weighing.
- $t'$ temperature of the water.
- $q$ specific gravity of the water at the temperature $t'$ that is, its relation to its weight at $+ 4°$ C.

Let the weight of the body in a vacuum be denoted by P; its volume at 0°C in cubic centimetres will then be $\frac{P}{d}$, and at $t$ it will be $\frac{P}{d}(1 + k t)$.

So also the volume of the weights $p$ at $t$ will be $\frac{p}{\delta}(1 + k t)$.

The weights $p$ will be in the same position of equipoise in air with the counterpoise as the body P, so that by reduction to a vacuum of the first weighing is obtained the equation :—

$$P - \frac{P}{d}(1 + k t)\epsilon = p - \frac{p}{\delta}(1 + \kappa t)\epsilon.$$

The volume of the body in water at the temperatures $t'$ becomes $\frac{p}{d}(1 + k t')$, and the weight of the water which it displaces accordingly becomes $\frac{P}{d}(1 + k t) q$.

Again, the volume of the weights $p'$, which produce the first condition of equipoise, is $\frac{p'}{\delta}(1+\kappa t)$, and the loss of weight in air $\frac{p'}{\delta}(1+\kappa t)\epsilon$.

Thus we have by reduction to a vacuum of the second weighing, when the body is immersed in water, the following equation :—

$$P-\frac{P}{d}(1+k t),\epsilon = P-\frac{P}{d}(1+kt'),q+p'-\frac{p}{\delta}(1+\kappa t)\epsilon.$$

From the first equation is obtained :—

$$P = p\,\frac{1-\frac{1+\kappa t}{\delta}\epsilon}{1-\frac{1+k}{d}\epsilon}$$

and from the second equation :—

$$P = p'\,\frac{1-\frac{1+\kappa t}{\delta}\epsilon}{\frac{1+kt'}{d}q-\frac{1+kt}{d}\epsilon}.$$

From this is found :—

$$\frac{p}{p'} = \frac{d-(+kt)\epsilon}{(1+kt')q-(1+kt)\varepsilon},$$

and further, from this the specific gravity of the body :—

$$d = \frac{p}{p'}(1+kt')\,q\;-\left(\frac{p}{p'}-1\right)(1+kt)\epsilon.$$

This formula is, as will be seen, completely independent of the specific gravity of the weights. It merely shows that the weights $p$ and the weights $p'$ have the same specific gravity, and that the temperature of the air has been the same. If the difference in the temperature between the two weighings is not too great, it is, as we shall see, of immaterial importance. The weights $p$ and $p'$ need not belong to or be expressed in *grammes*, or in terms of the metric system, since it is only their relation that is important, which ought to be correct in air.

By $\epsilon$ is here understood the weight of one cubic centimetre of air at the temperature $t$, and at the observed barometric pressure $b$, expressed in grammes; and by the cubic centimetre is understood the volume of one gramme of pure water at the temperature + 4°C. In other words, $\epsilon$ denotes the specific gravity of air at the given temperature and barometric pressure.

This formula has been already given by Professor Dr. Herr, of Vienna, in his work published in 1870, "Ueber das Verhältniss des "Bergkrystall—Kilogrammes zum Kilogramme der Archive," p. 117.

As $\frac{p}{p'}$ does not in any hitherto known body exceed 23, we need only, in determining the specific gravity to three decimal places, and greater exactness cannot often be attained with solid bodies, to have the value of $\epsilon$ determined within a precision of 0·00004. Between the general limits of temperature of the air in a comparing room, that is to say, from + 10° to + 20°C., and between the limits of barometric pressure from 750 mm. to 770 mm., and taking the ordinary moisture of the air in a comparing room to be 72 per cent. of saturation, the specific gravity

of air in Christiania varies between 0·001183 and 0·001265. With tolerable exactness, therefore, we may assume $\epsilon = 0{\cdot}00122$ within stated limits, taking no further notice of temperature of the air than is here pointed out.

Also, with regard to $k\,t$, it is not necessary to pay special attention to the temperature of the air. The body for which $\left(\frac{p}{p'} - 1\right) k$ is greatest is lead. Here $\frac{p}{p'} = 11{\cdot}4$ and $k = 0{\cdot}000086$. If $t = 20°$, it follows: $\left(\frac{p}{p'} - 1\right) k\,t\,\epsilon = 10{\cdot}4 \times 0{\cdot}00172 \times 0{\cdot}00122 = 0{\cdot}00002$, and so is without importance.

But the formula can with tolerable exactness be reduced to:—

$$d = \frac{p}{p'}(1 + k\,t')\,q - \left(\frac{p}{p'} - 1\right) \times 0{\cdot}00122,$$

and the temperature of the air and the condition of the barometer within the same limits may be set quite out of consideration.

4. Table of logarithms of specific gravity of water.

4. For the specific gravity of water at different temperatures, a Table drawn up by the Austrian Professor Dr. Herr is commonly used. It is based upon the following formula for the volume of water at the temperature $t$:—

$$\begin{aligned} V_t = 1 &- 0{\cdot}000\,060\,360\,t \\ &+ 0{\cdot}000\,007\,927\,9\,t_2 \\ &- 0{\cdot}000\,000\,042\,603\,t^3 \end{aligned}$$

According to this formula, a computation may be found in the above-named work, p. 31, of the values of log. $q$ = log. $V_{4°}$ − log $V_{t°}$ for all temperatures from 0° to 25° C. The following table is computed according to the same formula for every tenth of a degree from 4° to 20° C.

LOGARITHMS of the SPECIFIC GRAVITY of WATER.

| $t$. of Water. | 0·0 | 0·1 | 0·2 | 0·3 | 0·4 | 0·5 | 0·6 | 0·7 | 0·8 | 0·9 |
|---|---|---|---|---|---|---|---|---|---|---|
| 4°C | 0·000 0000 | 9999 | 9998 | 9996 | 9993 | 9990 | 9986 | 9981 | 9976 | 9970 |
| 5° | 9·999 9963 | 9956 | 9948 | 9940 | 9931 | 9921 | 9911 | 9900 | 9888 | 9876 |
| 6° | 9863 | 9850 | 9836 | 9821 | 9806 | 9790 | 9773 | 9756 | 9738 | 9720 |
| 7° | 9701 | 9681 | 9661 | 9640 | 9619 | 9597 | 9574 | 9551 | 9527 | 9503 |
| 8° | 9478 | 9452 | 9426 | 9399 | 9372 | 9344 | 9315 | 9286 | 9256 | 9225 |
| 9° | 9195 | 9163 | 9131 | 9098 | 9065 | 9031 | 8996 | 8961 | 8925 | 8889 |
| 10° | 8852 | 8815 | 9777 | 8738 | 8699 | 8660 | 8619 | 8579 | 8537 | 8495 |
| 11° | 8453 | 8410 | 8366 | 8322 | 8277 | 8231 | 8185 | 8139 | 8092 | 8044 |
| 12° | 7996 | 7947 | 7898 | 7848 | 7798 | 7747 | 7696 | 7644 | 7591 | 7538 |
| 13° | 7484 | 7430 | 7375 | 7320 | 7264 | 7208 | 7151 | 7094 | 7036 | 6977 |
| 14° | 6918 | 6859 | 6798 | 6738 | 6677 | 6615 | 6553 | 6490 | 6427 | 6363 |
| 15° | 6299 | 6234 | 6168 | 6103 | 6036 | 5969 | 5902 | 5834 | 5766 | 5679 |
| 16° | 5627 | 5557 | 5487 | 5416 | 5344 | 5272 | 5200 | 5127 | 5053 | 4979 |
| 17° | 4905 | 4830 | 4754 | 4678 | 4602 | 4525 | 4447 | 4369 | 4291 | 4212 |
| 18° | 4132 | 4053 | 3972 | 3891 | 3810 | 3728 | 3646 | 3563 | 3480 | 3396 |
| 19° | 3311 | 3227 | 3142 | 3056 | 2970 | 2883 | 2796 | 2709 | 2621 | 2532 |
| 20° | 2443 | 2354 | 2264 | 2174 | 2083 | 1992 | 1900 | 1808 | 1715 | 1622 |

5. Errors to be guarded against in weighings.

5. The greatest source of error in weighings is the alteration of temperature in the beam of the balance. It is therefore desirable, after the weighing in water, to take the body out, to carefully dry it, and to repeat the first weighing in air, taking the mean of the results of the two air-weighings. If an alteration of temperature takes place in the beam

of the balance, by which one arm is more dilated than the other in constant progression, then this source of error will be eliminated by an equal interval of time between each weighing. But whilst this regular progression of alteration in temperature can in all probability be taken for granted, provided the time between each two successive weighings is short, as in general weighings in air, this assumption loses much of its force in the kind of weighings here under discussion, where the interval between each weighing is so great, in consequence of the necessary boiling and subsequent cooling of the water before each weighing. An error of $\frac{1}{2}$ mgr., or even more, may therefore easily be passed over in computing the loss of weight in water of the body under examination.

The determination of the specific gravity is of course less certain when the body examined is small.

6. Mode of weighing coins in water.

6. I will now proceed to describe some weighings undertaken recently at my desire by Director Arndtsen in order to determine the specific gravity of different gold coins.

The coins were first carefully washed by being boiled in alcohol, and then dried by exposure to the air. A delicate thread of platinum was used for suspending them in water, carrying a net of silver thread so constructed that a large number of coins could be held together in it without touching one another. The net was first hung empty in the water contained in a vessel of platinum, the water was made to boil, and then cooled. The vessel was placed on a firm stand upon one of the pans of the balance, and between its suspending wires; and the thread was suspended from a hook high up between the suspending wires.

This mode of arrangement was unfortunate, as the observer's hand was consequently obliged to come very near the balance, every time the net was put in or taken out of the water, and the warmth of the hand could easily influence the balance and expand one of its arms. It would have been better if the suspension could have been arranged under the pan of the balance through a hole in the woodwork, but this could not be managed.

The height of the water in the platinum vessel was marked by a metal point, and the water was introduced through a glass tube until it touched the metal point.

The coins to be examined were now placed in the scale, and an equipoise made by a counterpoise in the other scale. The coins were then taken away, and replaced by weights until an equipoise was again obtained. The weight of the coins in air, $p$, was thus ascertained.

The platinum vessel with the wire net in it was now removed; the coins were placed in the net and were immersed in the water, which was boiled afresh and allowed to cool to somewhat under the temperature of the air. The vessel was now replaced in the balance, the thread attached to the weight, and water filled in to the same height. Weights were placed in the scale until an equipoise was again obtained. By this means the loss of weight of the gold coins in water, as compared with their weight in air, $p$, was ascertained.

The balance used was made by Bunge, of Hamburg, and was accompanied with weights up to 250 grammes. The weights were of brass and had recently been very accurately compared by Professor Fearnley both with each other and with the gilt brass kilogram, the value of which had been determined by myself in 1873 (see "Nyt. Mag. for Naturv." B. 20). Weights under 10 milligrammes were not used, but an equipoise was produced in the usual manner by a rider, the value of which was very accurately estimated. At every weighing the scale was emptied and a reduction made to the first state of equipoise. Each

division of the index had a value of 0·2 mgr. Only very small differences in the readings were noted.

The water was procured from the chemical laboratory. Its temperature was determined by a thermometer placed on the same level as the wire net in the scale. This thermometer had been previously compared with an older thermometer of Greiner belonging to the Physical Cabinet.

The temperature of the air and the height of the barometer were ascertained at each weighing.

During the process of determining the specific gravity of the various gold coins, the coins remained in the water all night till next day, when the weighing was renewed in reversed order. The values $p$ and $p'$ are given herein-after in the order in which they were observed.

7. Rates of expansion of gold and its alloys.

7. The coefficient of linear expansion of pure gold is, according to Fizeau, 0·00001415 for each centigrade degree about the temperature of 12° C, and that of pure copper 0·00001608. The coefficient of cubic expansion of pure gold is consequently 0·00004245 and of pure copper 0·00004824. The specific gravity of coined pure gold is, as I shall hereinafter show, 19·302 ; and of copper, 8·6. From these data we may now compute the coefficient of expansion of a gold alloy of $\frac{9}{10}$ fineness :—

$$9 : 19{\cdot}302 = 0{\cdot}46627 \; ; \; 0{\cdot}46627 \times 0{\cdot}00004245 = 0{\cdot}000\,019\,793$$
$$1 : \; 8{\cdot}6 \; = 0{\cdot}11628 \; ; \; 0{\cdot}11628 \times 0{\cdot}00004824 = 0{\cdot}000\,005\,609$$
$$0{\cdot}58255 \times k \qquad = 0{\cdot}000\,025\,402$$
$$\text{Whence, } k = 0{\cdot}0\,000\,436.$$

In the same way the coefficient of cubic expansion of gold coins of $\frac{11}{12}$ fineness is found to be 0·0000434 ; and as direct determinations of the coefficients of expansion of gold coins do not exist, so far as is known, the above stated values are used by me in the following computations.

8. Determination of density of 10 Norwegian gold coins.

8. *Determination of Density of Norwegian Gold Coins.*

(1.) Ten Norwegian gold pieces of 20 crowns. 1874.

$$p = 89{\cdot}60167,\; t = 15°6,\; b = 768^{mm},\; \epsilon = 0{\cdot}001222$$
$$p' = 5{\cdot}21488,\; t' = 15°9,\; 1 + kt' = 1{\cdot}0006932$$
$$\log p = 1{\cdot}9523161$$
$$\log p' = 0{\cdot}7172443$$
$$\log \frac{p}{p'} = 1{\cdot}2350718 \; ; \; \frac{p}{p'} = 17{\cdot}182 \; ; \; \frac{p}{p'} - 1 = 16{\cdot}182.$$
$$\log (1 + kt') = 0{\cdot}0003009$$
$$\log q = 9{\cdot}9995697$$
$$1{\cdot}2349424$$
$$\therefore \frac{p}{p'}(1 + kt')\, q = 17{\cdot}1768$$
$$\left(\frac{p}{p'} - 1\right)(1 + kt)\, \epsilon = 0{\cdot}0198$$
$$d = 17{\cdot}1570.$$

The shortened formula, according to which $(1 + kt)\,\epsilon$ is reckoned as 0·00122, would have given 17·1571.

(*Dr. Broch here gives similar details of six other weighings of the same coins.*)

Summary of Comparisons, (1)—(7.)

| | Specific Gravity. | Deviation from the Mean. |
|---|---|---|
| From (1) | 17·1570 | −0·0036 |
| (2) | 17·1589 | − 17 |
| (3) | 17·1608 | + 2 |
| (4) | 17·1602 | − 4 |
| (5) | 17·1635 | + 29 |
| (6) | 17·1622 | + 16 |
| (7) | 17·1617 | + 11 |

Mean 17·1606±0·0005.

9. Here the probable error of a single observation is ±0·0014. Three times this probable error may be taken as the outside limit, which ought never to be exceeded in careful observations of this kind. It may therefore be concluded that in determining the specific gravity of solid bodies weighing about 90 grammes, there should be no greater probable error in the result of a single observation than ±0·004. If two observations are taken in reversed order, which is strongly to be advised, there ought not to be a risk of a greater error than ±0·003. 9. Probable errors of determinations.

10. As a difference in fineness of ±0·0001 in a gold alloy of about $\frac{9}{10}$ fineness corresponds with a difference in the specific gravity of ±0·0019, it follows that these limits of error in the determination of the specific gravity correspond with a deviation in fineness of ±0·0002 and 0·00015 respectively. 10. Relation fineness of gold coins to their density.

If two groups of gold coins weighing about 90 grammes are compared with one another, then, supposing that the gold coins contain no foreign metals, with the balance here described, the difference in their fineness can be determined to a certainty within ±0·0002, from a single weighing of them in air and in water, the same water for both; and to a certainty within 0·00015 from two weighings, which are strongly to be advised.

11. This may be considered as the extreme limit of accuracy at which chemical analysis, practised with the greatest care, can arrive; and the determination of the specific gravity is beyond all comparison easier and quicker than a chemical analysis of the same degree of accuracy. 11. Fineness thus better determined than by chemical analysis.

12. The existence in the coins of any foreign metal of the same specific gravity as copper is of course without importance, and the existence in small degree of any foreign metal, the specific gravity of which does not greatly differ from that of copper, will be of little importance. So the existence of 1 per mill. of silver, the specific gravity of which in a coin is 10·566, instead of copper, the specific gravity of which is probably 8·6, only produces a difference of 0·0065 in the specific gravity, and so can only correspond with a difference in fineness of 0·0003. 12. As to existence of other metals in gold alloys.

The existence of traces of platinum in gold coins will on the other hand create more important errors in a determination of this kind.

13. In the currency law of Norway, certain limits of tolerance for the deviation from the normal state of the various coins are laid down, as well with respect to weight as with regard to fineness. For both of these the tolerance is 1·5 per mill. But in regard to weight, there is 13. Second and narrower limit of tolerance in

weight of large number of gold coins.

besides laid down a narrower limit of tolerance for the average weight of a greater number of coins, and for a total weight of 10 kilograms, it must not exceed 5 grammes, or 0·5 per mill.

14. Question of adopting it also for fineness.

14. A similar double limit of tolerance is not, however, laid down for fineness; and of course cannot be laid down whilst the chemical or metallurgic analysis is used as the exclusive means of determination.

It can, however, be easily introduced, if the fineness is ascertained from determining the specific gravity.

15. Coins Standard density needed.

15. It is merely needful to have a set of normal coins, and each time to determine their specific gravity in pure water, and then, in the same water, to determine the specific gravity of the coins which are to be compared with them. Supposing no platinum to be found in the coins, the final deviation from the normal coins can with the greatest ease be determined with an accuracy of 0·5 per mill., which corresponds with a deviation in the specific gravity of 0·0093.

16. Such check desirable for mints themselves.

16. Such a check against the misuse of the limit of tolerance for fineness, whether with regard to insufficiencies in the mints, or in consequence of the same, is very desirable for the honour of the mints themselves. For lately certain mints have been charged with producing coins of a too low average of fineness. So, during the debate in the German Senate in the autumn of 1871, it was stated that in examining the new 20-franc pieces the Berlin Mint had discovered their average fineness to be only 0·899 instead of 0·900. (See my pamphlet "On the New German Currency Law," p. 22.) The eminent Swiss, Feer-Herzog, attempted afterwards to disprove this, by parallel chemical analysis of modern French gold coins. But it would have been done far more easily, however the facts might have stood in this case, by examination of the specific gravity of these coins.

It is desirable to have a good number of coins of very accurate normal fineness of $\frac{9}{10}$, as types for comparison; and it is also of great importance that these types should exactly agree at all mints, that is, have the same specific gravity.

17. Absolute purity of water not requisite for relative hydrostatic weighings.

17. The difficulty of obtaining absolutely pure water ceases to be of consequence, provided that the comparisons of weight are made in identically the same water. If only the normal coins are of the same specific gravity, there will be absolutely no importance in knowing whether the different mints used at different times water of greater or less purity.

18. As to objections from possible porous condition of gold coins.

18. An objection which may be made against the conclusion of determining a difference in the fineness of gold coins from ascertaining their specific gravity is that in spite of the pressure which they have been subjected to, first, in rolling out of bars of gold after melting, and then in stamping the blanks in the coining press, the gold coins may nevertheless be occasionally in a slightly porous condition. It can scarcely be supposed that any noticeable difference in this respect can take place, at all events between coins of the same weight and dimensions; and considering also that in the various mints an uniform mechanical treatment is practised. Yet under any circumstances it must be assumed that a similar average condition in this respect is reached, and that accordingly in determining the average fineness of a large number of coins, their specific weight may with entire safety be used as a means of comparison for determining the divergence of average fineness. It will, however, be desirable that in all cases experiments should be made with coins of the same melting, and cut out of the centre of the rolled out bar of gold.

19. I now proceed to state the results of some further observations of the specific gravity of other gold coins of $\frac{9}{10}$ fineness :— 19. Density of 50 other Scandinavian gold coins determined.

(8.) Ten gold Danish 20 crown pieces, all of the year 1873.
$p = 89{\cdot}58634$, $t = 12°0$, $b = 762{\cdot}1$, $\epsilon = 0{\cdot}001234$
$p' = 5{\cdot}22051$, $t' = 8°\ 65$, $1 + kt' = 1{\cdot}0003763$.
Hence, $d = 17{\cdot}1443$.

(*Dr. Broch here gives the details of observations* (8) *to* (17) *the results of which are as follows*) :

Summary of the results of observations (8) to (17).

| | | | | |
|---|---|---|---|---|
| (8) | From weighings of 10 Danish 20-crown pieces, 1873, | $d = 17{\cdot}1443$ | | |
| (9) | „ „ | $d = 17{\cdot}1480$ | Mean | $17{\cdot}1462$ |
| (10) | „ 10 Swedish „ | 1875, $d = 17{\cdot}1876$ | | |
| (11) | „ „ | $d = 17{\cdot}1887$ | „ | $17{\cdot}1881$ |
| (12) | „ 10 other „ | 1874, $d = 17{\cdot}1646$ | | |
| (13) | „ „ | $d = 17{\cdot}1648$ | „ | $17{\cdot}1647$ |
| (14) | „ 10, other Norwegian „ | 1874, $d = 17{\cdot}1734$ | | |
| (15) | „ „ | $d = 17{\cdot}1740$ | „ | $17{\cdot}1737$ |
| (16) | „ 10 New Danish „ | 1874, $d = 17{\cdot}1777$ | | |
| (17) | „ „ | $d = 17{\cdot}1785$ | „ | $17{\cdot}1781$ |

Including the result of weighings (1)—(7) showing the density of the first parcel of 10 Norwegian gold coins to be $17{\cdot}1606$, the general results of the weighings of the 60 gold coins, are as follows :

| | |
|---|---|
| 20 Norwegian gold 20-crown pieces, | $d = 17{\cdot}1671$ |
| 20 Swedish „ | $d = 17{\cdot}1764$ |
| 20 Danish „ | $d = 17{\cdot}1621$ |
| Mean | $d = 17{\cdot}1685$ |

20. Since a difference in specific gravity of $0{\cdot}0019$, corresponds with a difference in fineness of $0{\cdot}1$ per mill., it is hence concluded, that the 20 Norwegian gold coins have a mean fineness greater by $0{\cdot}26$ per mill. than that of the 20 Danish coins, and that the 20 Swedish gold coins have a mean fineness $0{\cdot}75$ per mill. greater 3 that of the 20 Danish coins. 20. Relation of fineness to density.

The difference between the greatest and least legal limit of tolerance in fineness of separate coins is 3 per mill.

21. It has been already mentioned that the specific gravity of pure gold in a coined state is $19{\cdot}302$. This value is taken from Gustav Rose's investigations published in Poggendorff's "Annalen" vol. LXXIII. (1848), p. 6., where G. Rose professes to have found the specific gravity at 14° R, and, as I must suppose, without correction for weighing in air, to be $19{\cdot}3336$. We have accordingly : 21. Density of pure gold.

(18.) $\frac{p}{p'} = 19{\cdot}3336$, $t' = 14°$ R., or $17°{\cdot}5$ C,

$\epsilon$ at average barometrical pressure $= 0{\cdot}001202$.

And if $k = 0{\cdot}0000425$, $\therefore d = 19{\cdot}3016$.

22. If we take this as the specific gravity of pure gold in a coined condition, and moreover take the mean specific gravity of the sixty Scandinavian gold coins as found above, ($= 17{\cdot}1685$,) to be that of gold 22. Computation of gold alloy $\frac{11}{12}$ fine.

coins of $\frac{9}{10}$ fineness, the specific gravity of gold coins of $\frac{11}{12}$ fineness is thus found:—

$$\left.\begin{array}{l} 11 \text{ parts pure gold} = \left\{\begin{array}{l} 2 \text{ parts pure gold} \\ 9 \text{ parts pure gold} \end{array}\right. \\ 1 \text{ part copper} \quad = \quad 1 \text{ part copper} \end{array}\right\} \begin{array}{l} = 2 \text{ parts pure gold.} \\ = 10 \text{ parts coined gold of } \frac{9}{10} \text{ fineness.} \end{array}$$

$$\begin{array}{rl} 2: & 19{\cdot}3016 = 0{\cdot}103618 \\ 10: & 17{\cdot}1685 = 0{\cdot}582462 \\ \hline 12 & \qquad 0{\cdot}686080 = 17{\cdot}4907. \end{array}$$

23. Actual determination of density of 10 English sovereigns.

23. An examination of 10 English sovereigns was then made, of which 3 were of 1872, 2 of 1873, and 5 of 1874;

(19.) $p = 79{\cdot}82674$; $t = 12°{\cdot}95$, $b = 748{\cdot}6$, $\epsilon = 0{\cdot}001207$.

$p' = 4{\cdot}56082$; $t' = 8°{\cdot}82$, $1 + kt' = 1{\cdot}0003828$.

Hence: $d = 17{\cdot}4866$.

(20.) The same gold coins weighed in reversed order after standing all night in the water in the scale.

$p' = 4{\cdot}56100$; $t' = 6°{\cdot}72$; $1 + kt' = 1{\cdot}0002916$.

$p = 79{\cdot}82612$; $t = 15°{\cdot}17$; $b = 751{\cdot}9$; $\epsilon = 0{\cdot}001202$.

Hence: $d = 17{\cdot}4862$.

The result of these two observations is to determine the mean specific gravity of the 10 sovereigns to be $17{\cdot}4864$.

24. Close agreement of the two results.

24. The exact agreement of this result with that previously calculated, proves that for gold coins of a fineness not differing greatly from $\frac{9}{10}$, the method of calculation described above can with perfect safety be used for determining the specific gravity of the alloys, provided that as the starting-point, pure gold and a gold alloy of $\frac{9}{10}$ fineness be used.

It will be found that to every 1 per mill. of greater or less fineness in such gold coins, there corresponds a greater or less specific gravity of $0{\cdot}0190$.

25. Conclusion. Doubt as to accuracy of these determinations.

25. Whether $17{\cdot}1685$ be the correct specific gravity of such gold coins is however still doubtful, as it is not certain that the average fineness of the 60 Scandinavian gold coins examined was just exactly the legal fineness, namely $\frac{9}{10}$. But there can hardly be any great deviation from it.

Further observations desirable

All the weighings here described were carried out in the same water, procured at one time from the chemical laboratory of the University as it is there distilled for chemical use. I hope later to be able to obtain some water distilled in a platina retort with excessive care, in order to undertake new comparative weighings. I have with this object preserved the 10 Norwegian and the 10 Swedish gold coins used in the present weighings.

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